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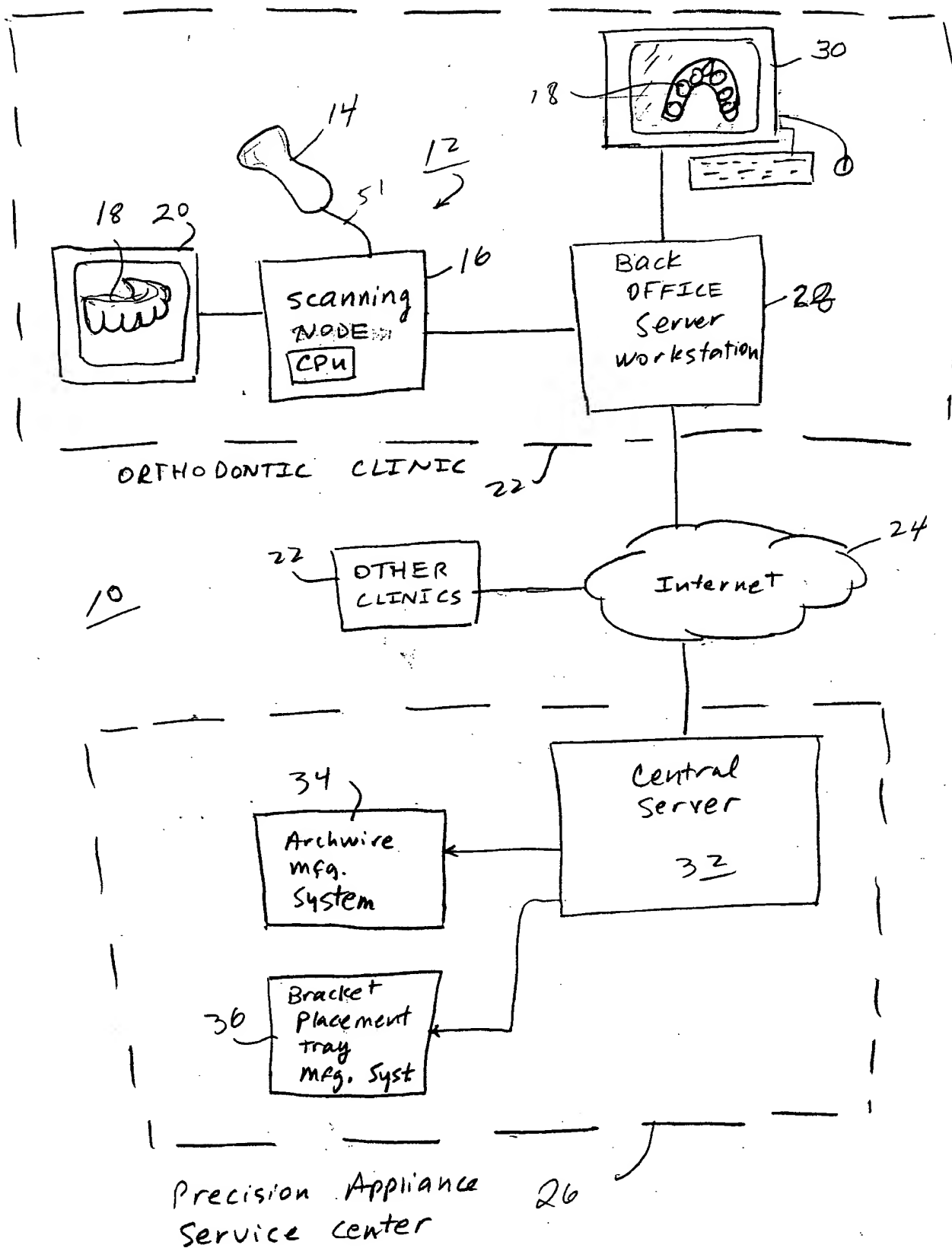


Fig. 1

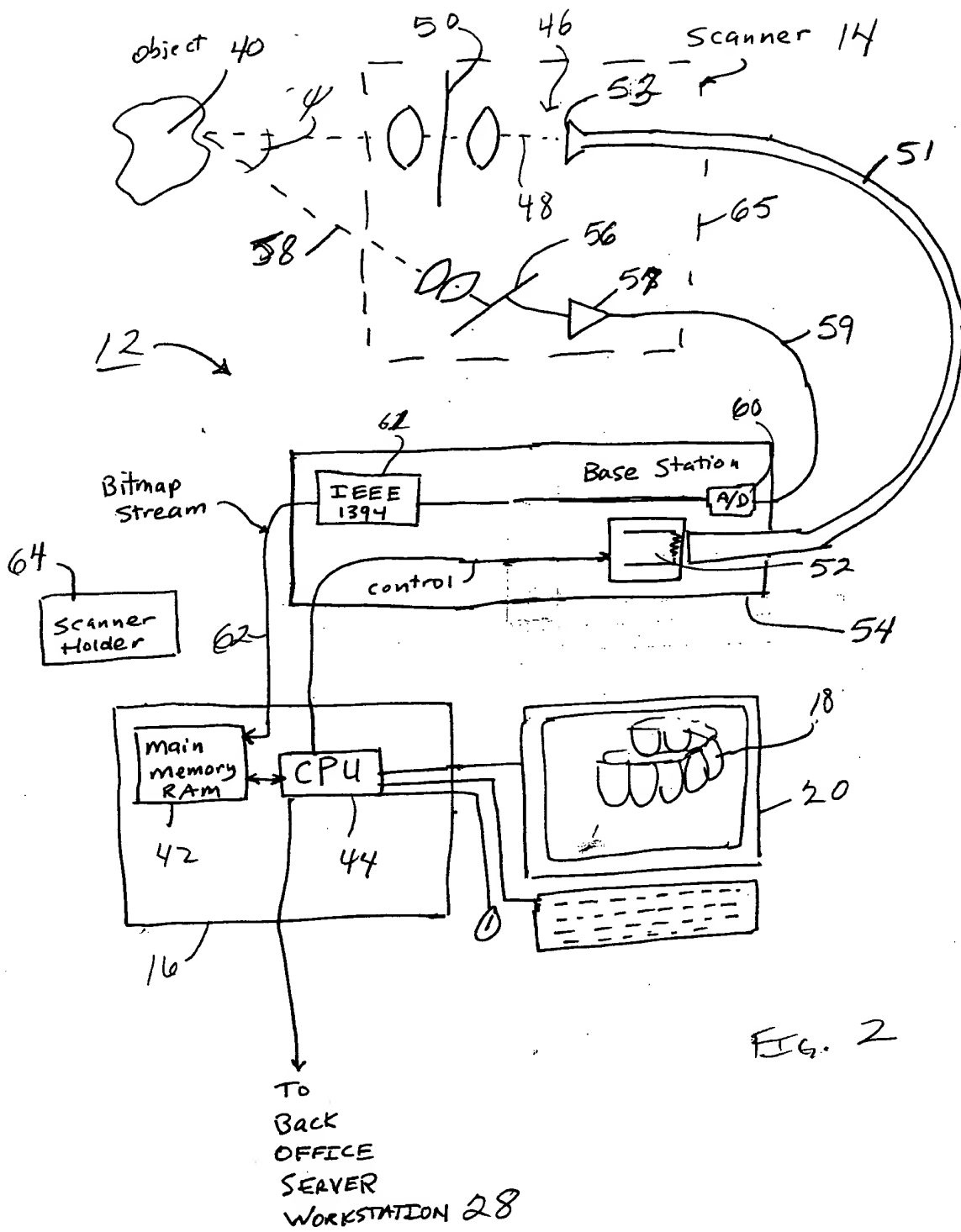
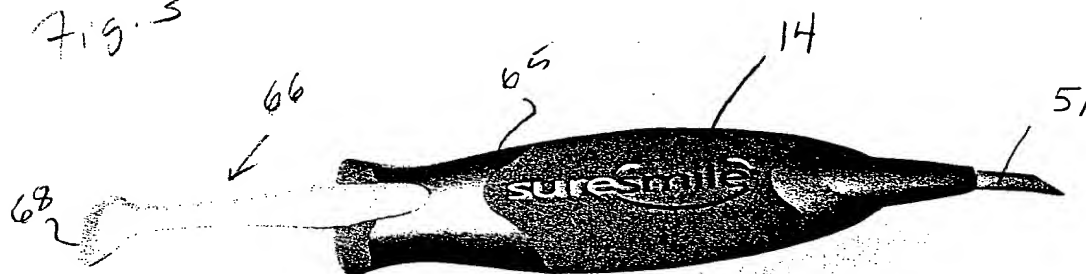
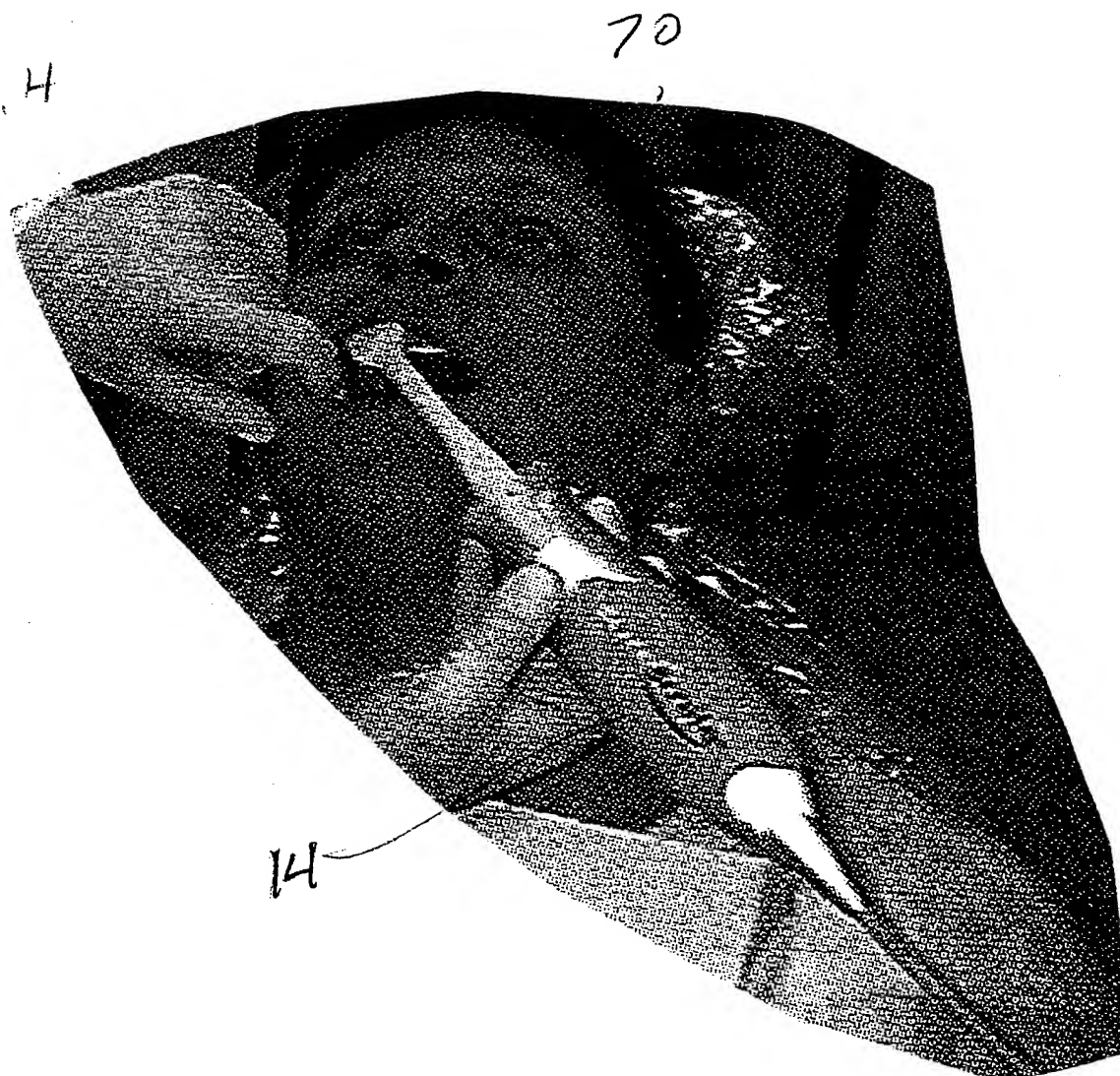


FIG. 2

Fig. 3



79.4



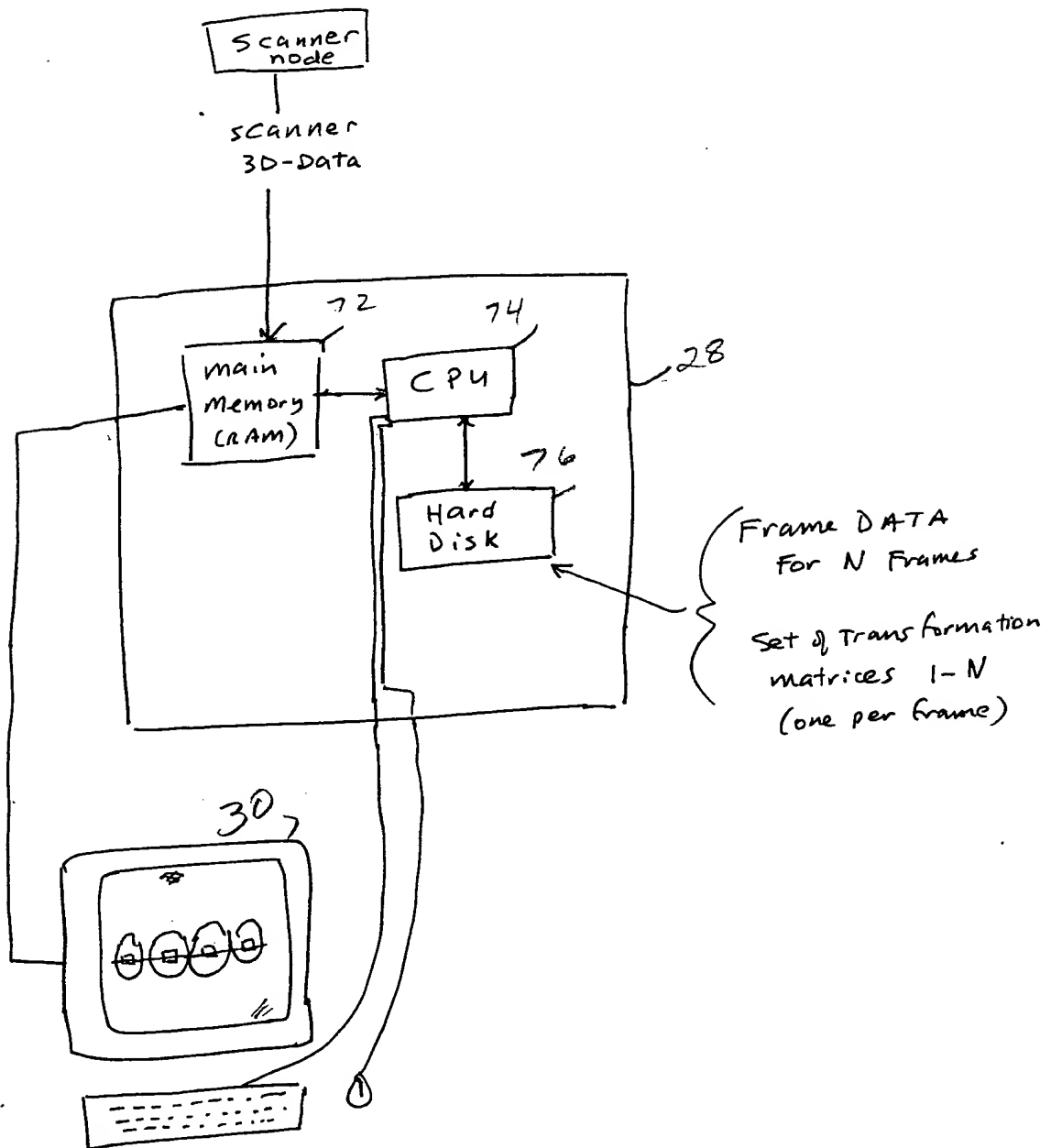


Fig. 5

3-Dimensional IMAGE capture (per frame)

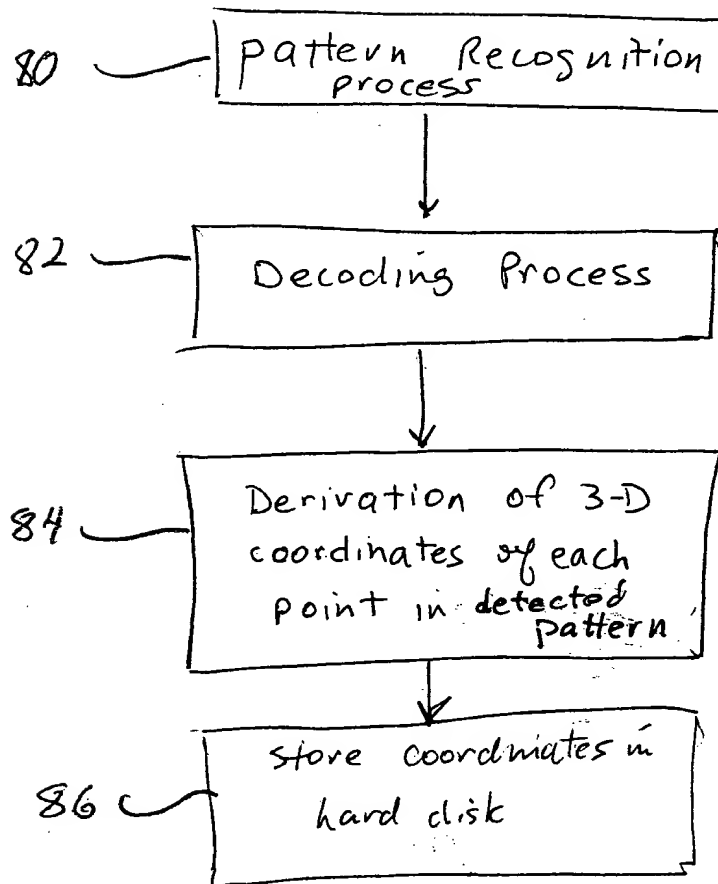


Fig. 6

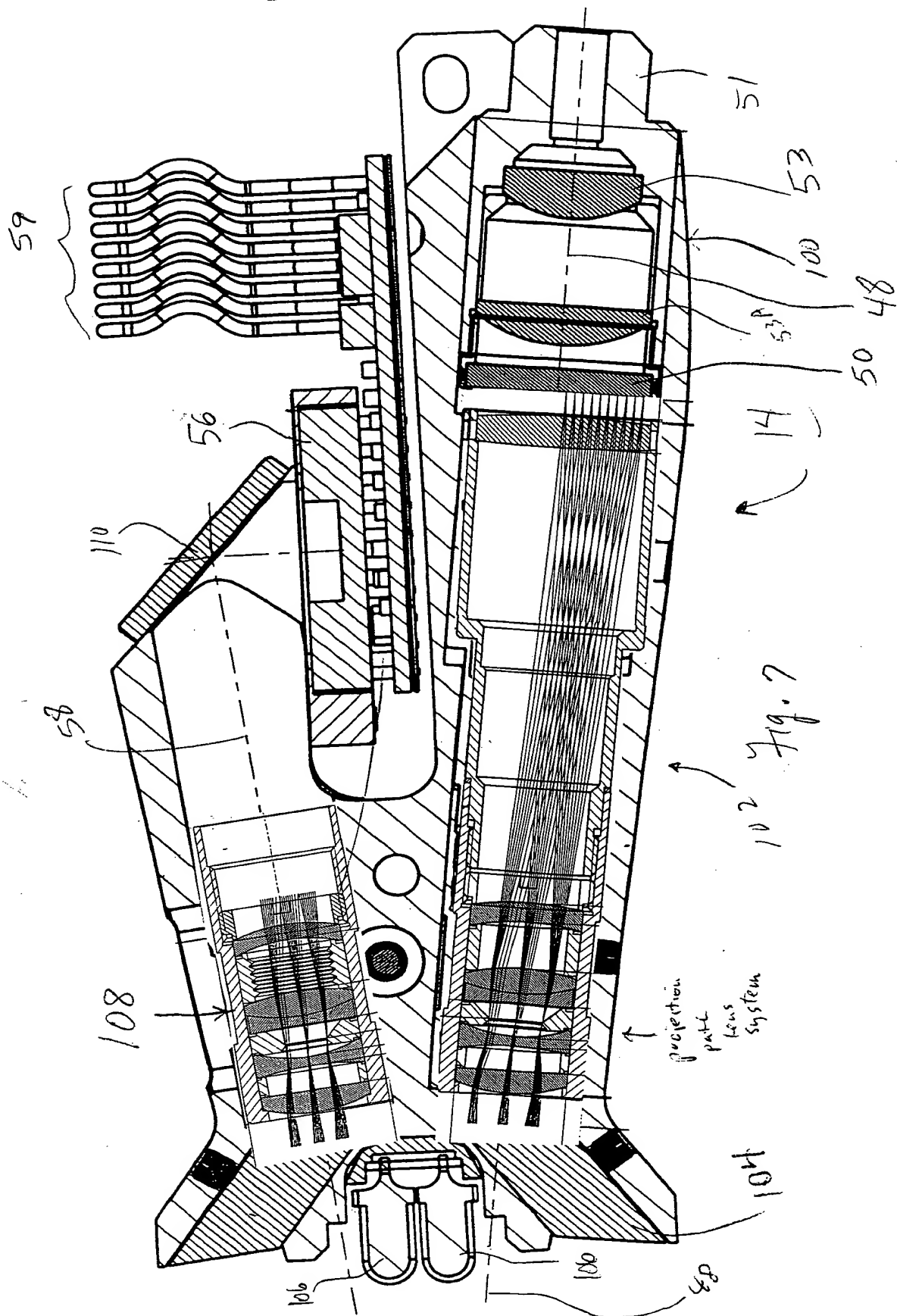
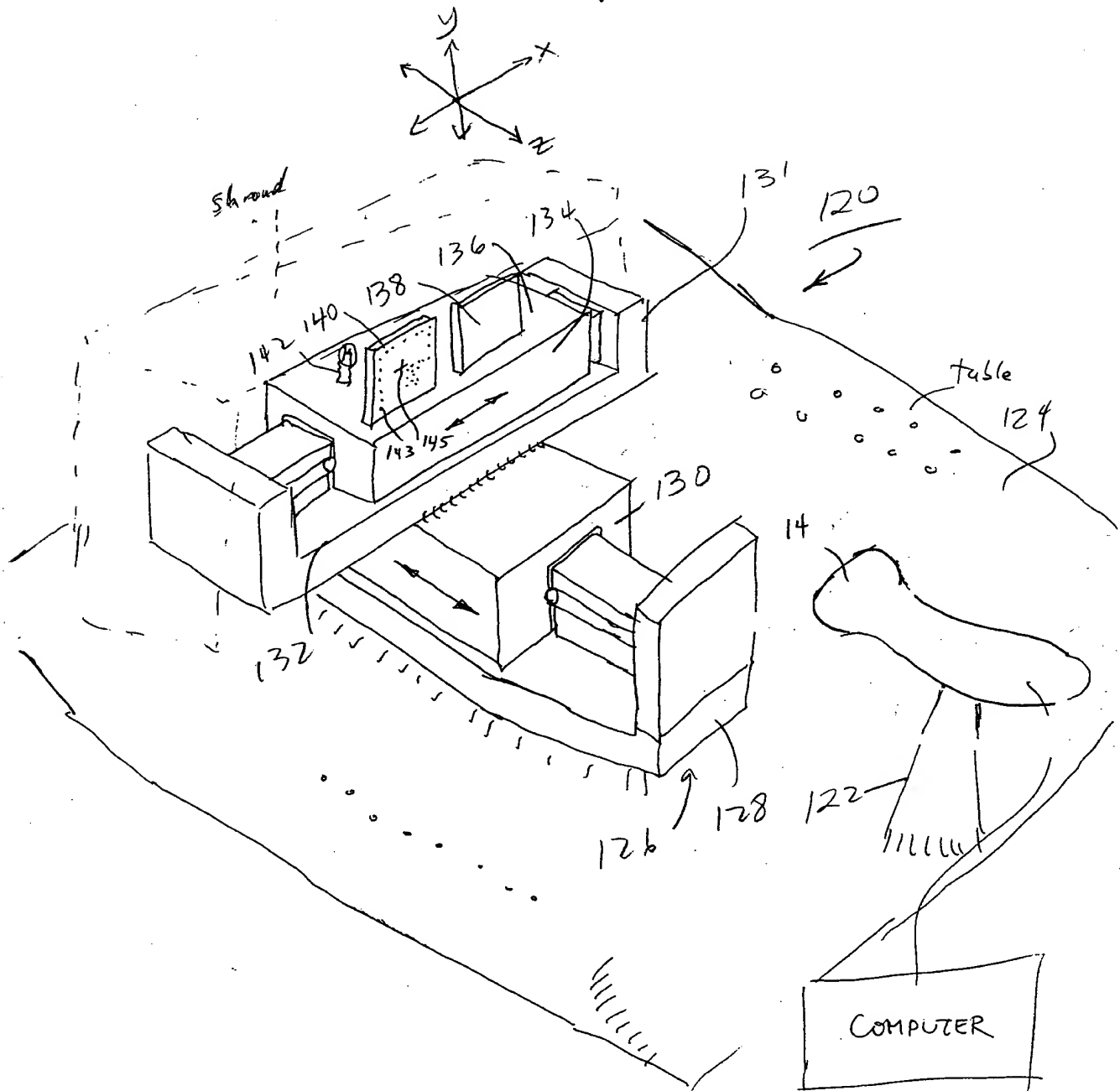


Fig. 8

8.11



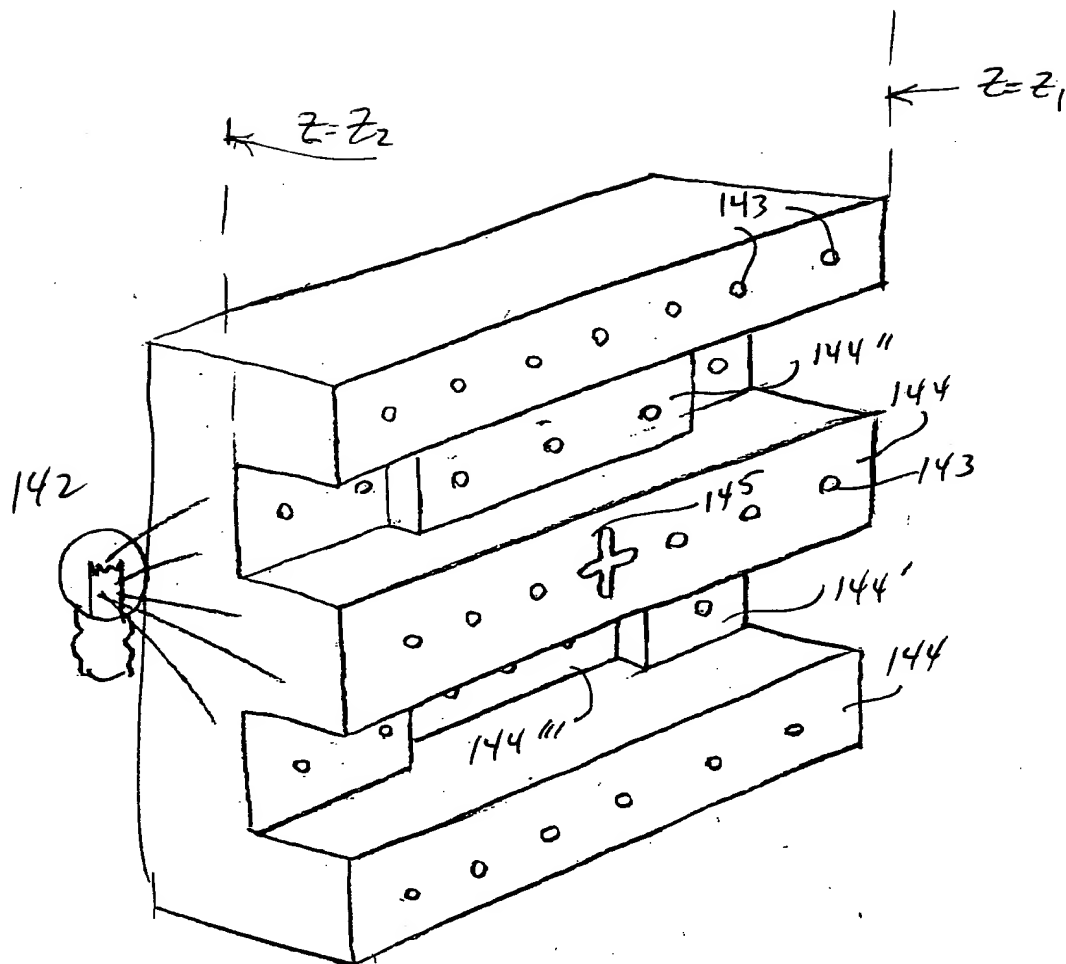


Fig. 8A

Fig. 9

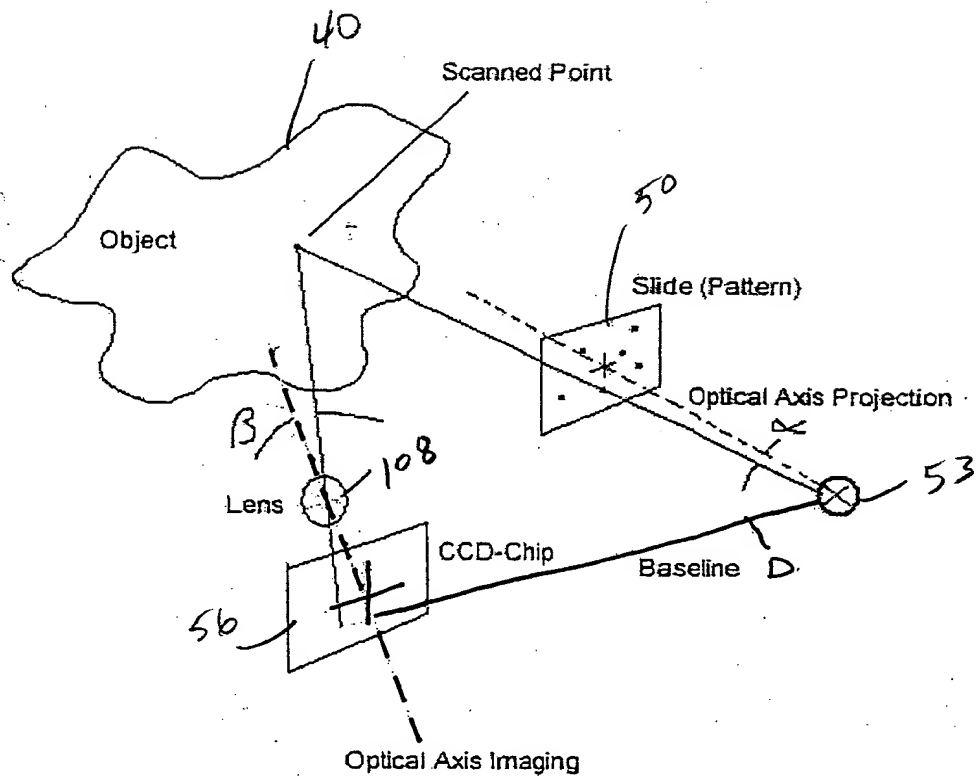


Fig. 9B

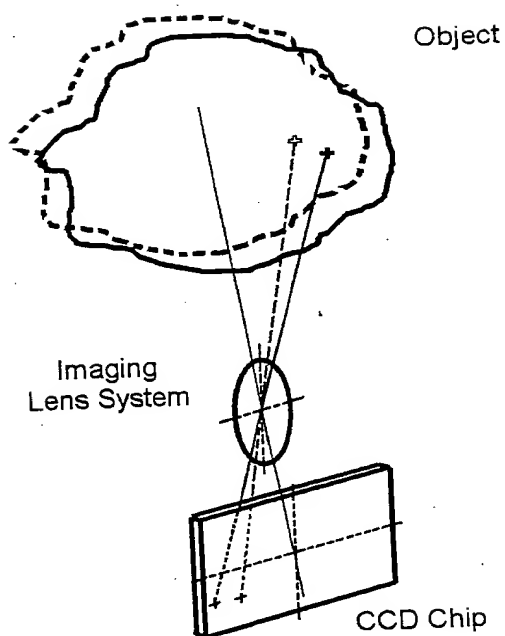
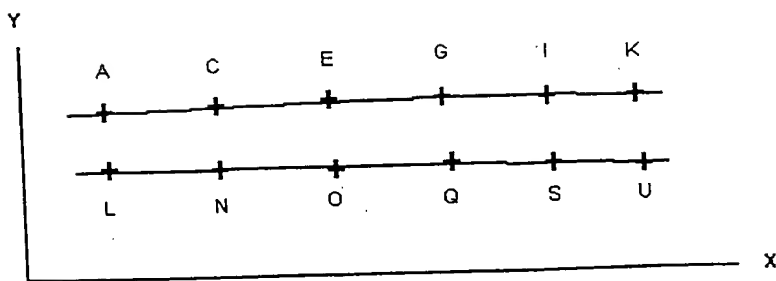
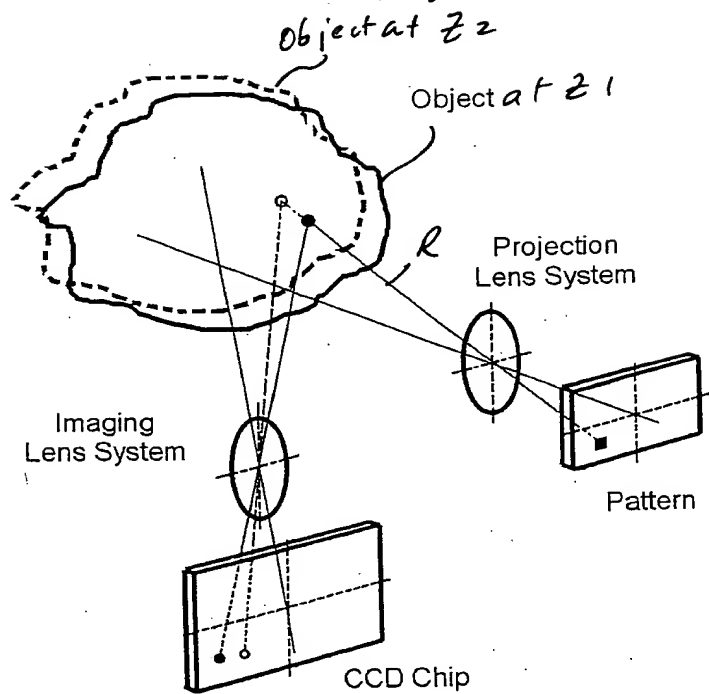


Fig. 9A



Pixel coordinates for portions of the pattern assigned to a certain Z-level

Fig. 9C

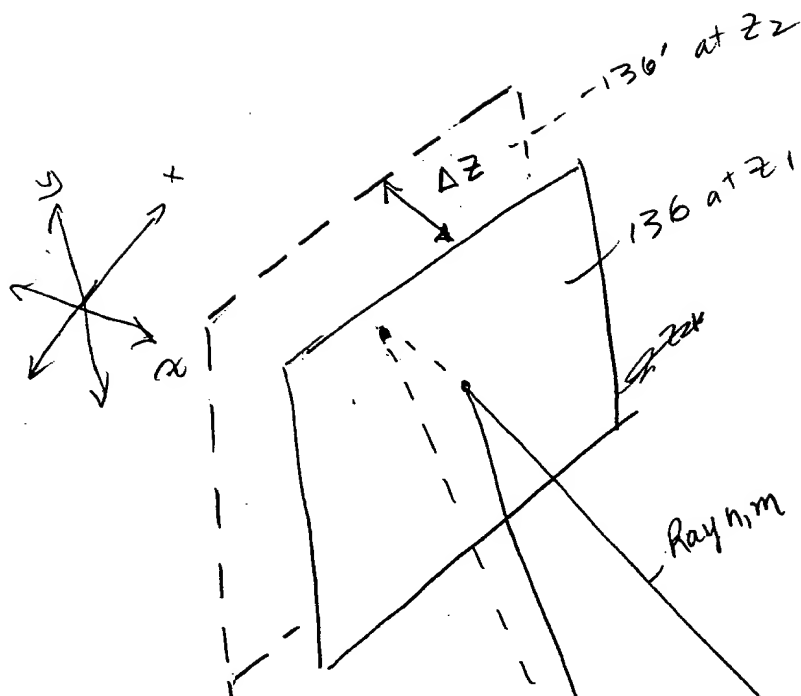
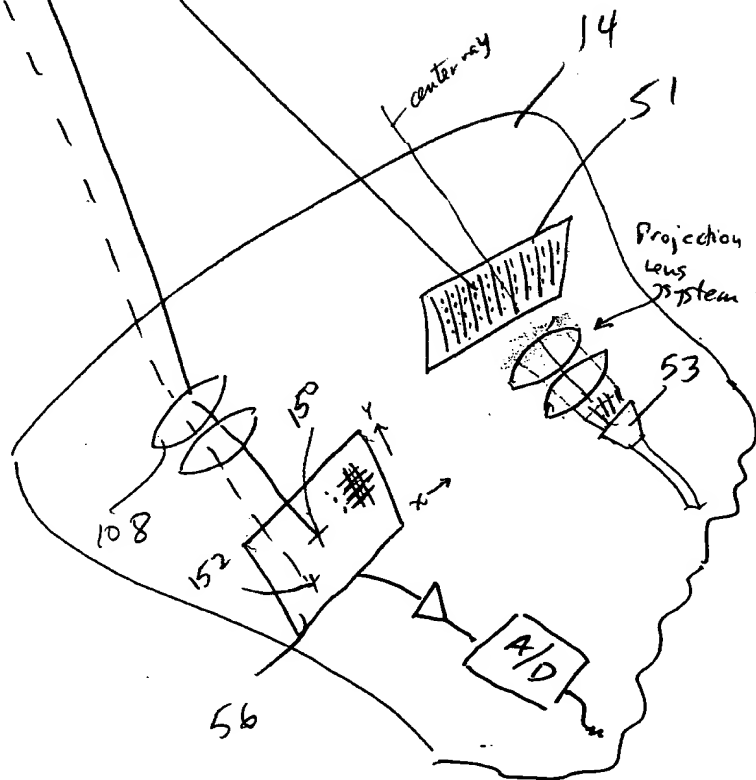


Fig. 10



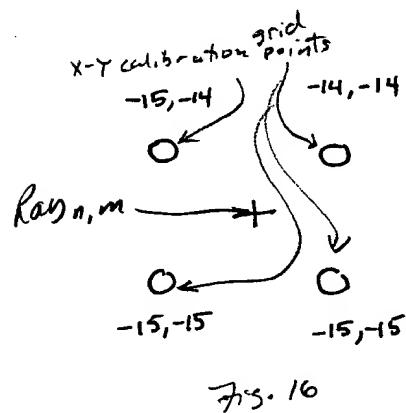
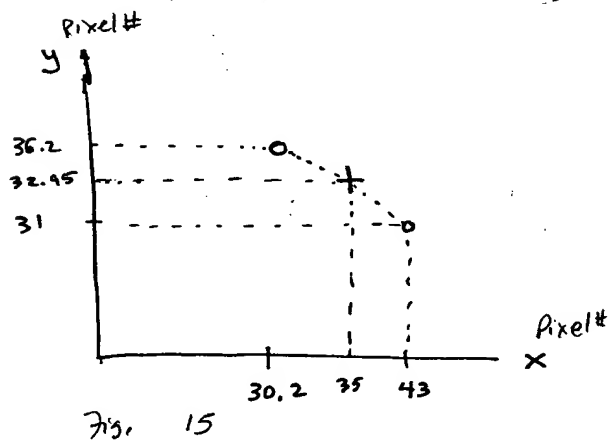
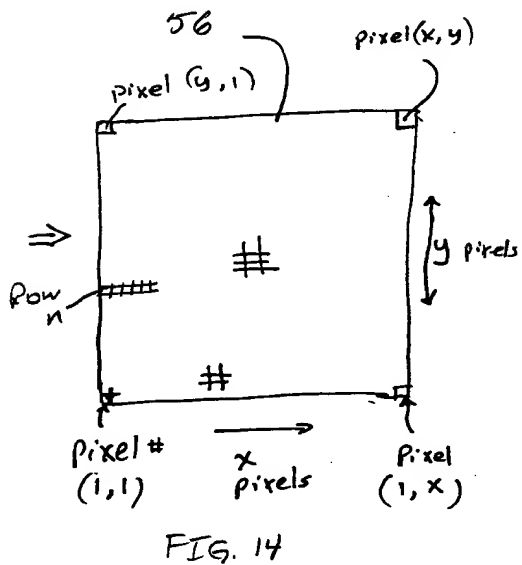
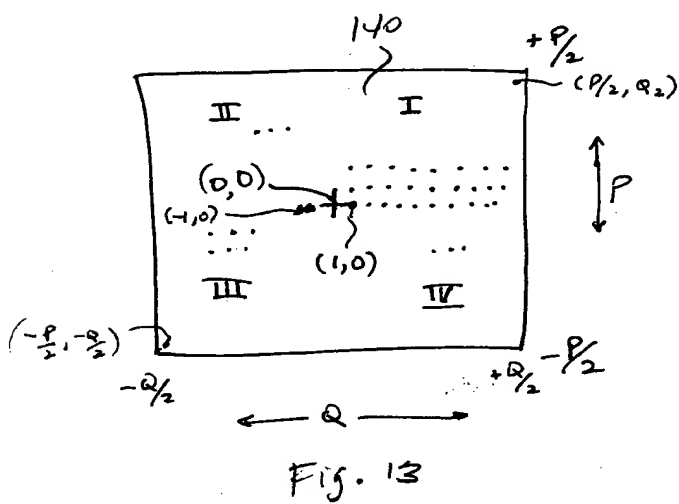
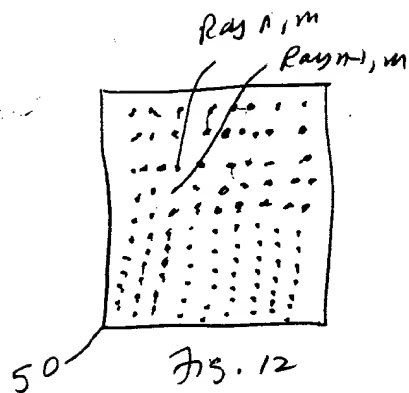
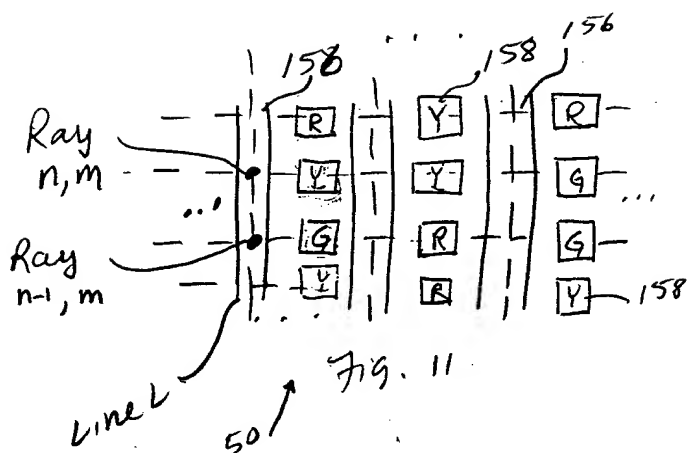


Fig. 17

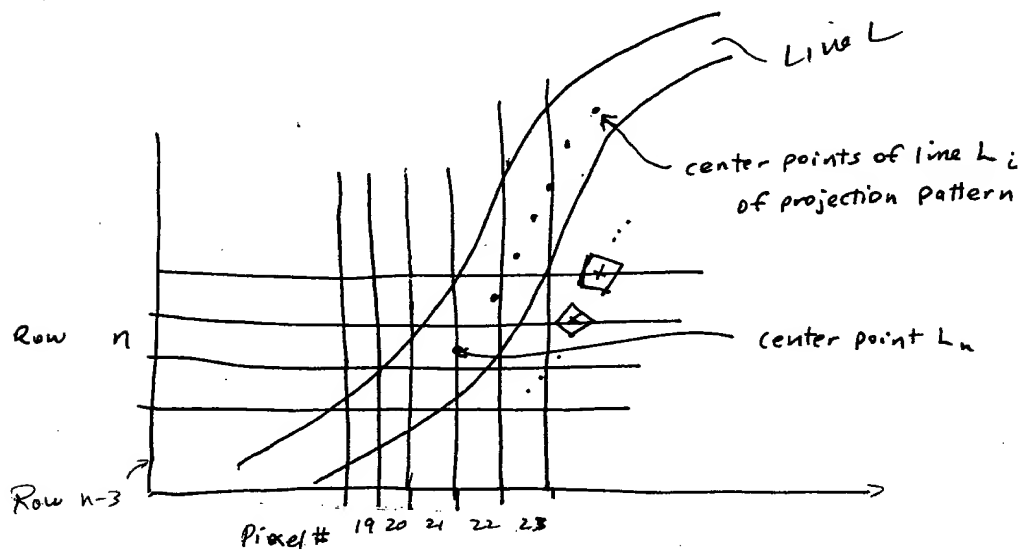
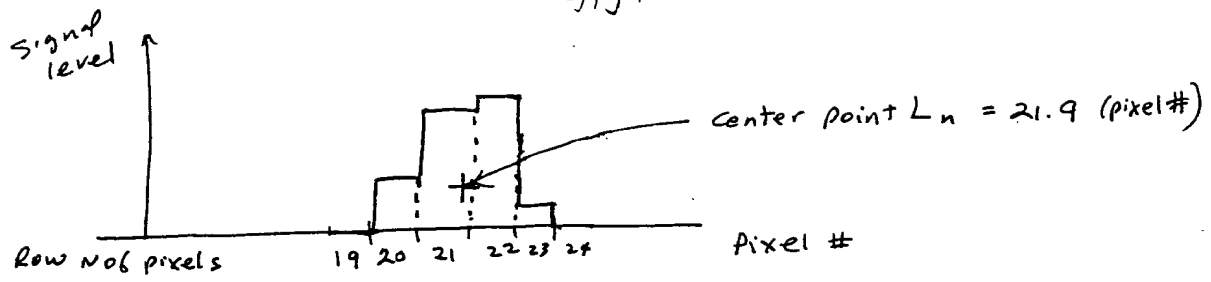


Fig. 18

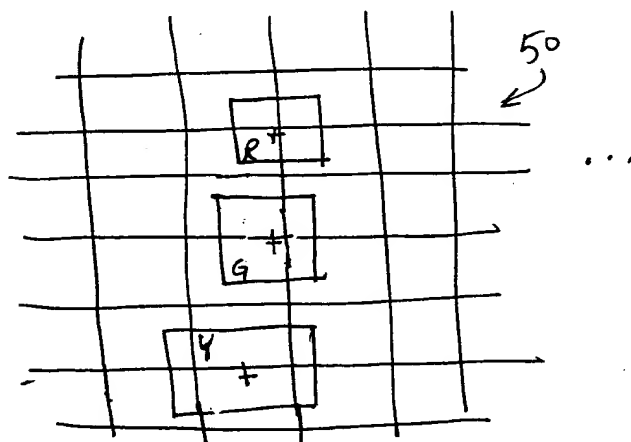


Fig. 19

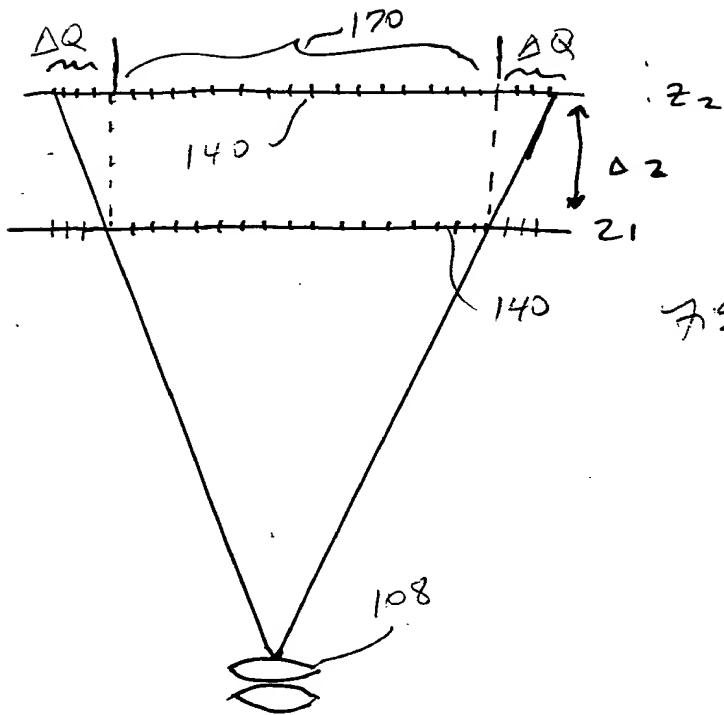


Fig. 20

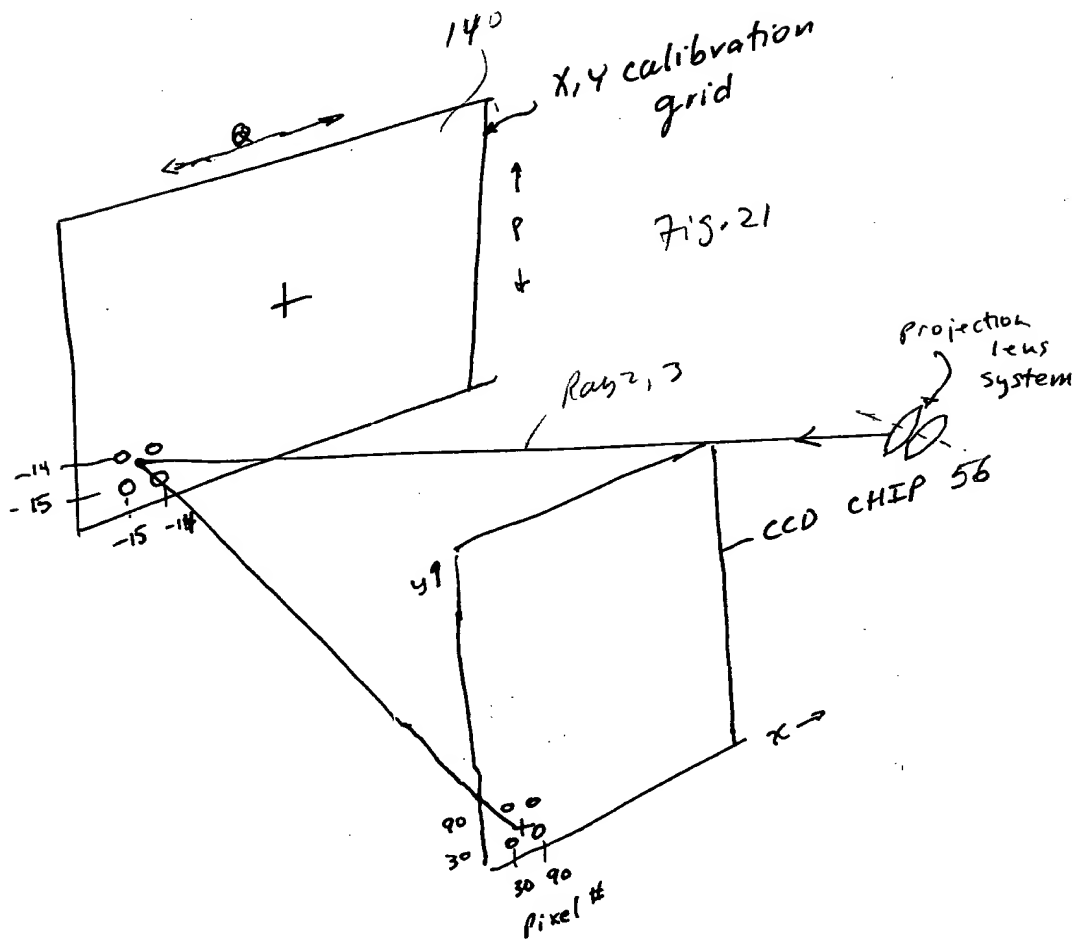


Fig. 21

CCD x, CCD y = Pixel #, in subpixel resolution

Fig. 24

(before)

Calibration Table #1

| Line 1 | | | | | Line 2 | | | | | Line N | | | | |
|-------------|-------|-------|-------|-----|--------|-------|-------|-------|-----|--------|-------|-----|-------|--|
| Row 1 | Row 2 | Row 3 | Row 4 | ... | Row 1 | Row 2 | Row 3 | Row 4 | ... | Row 1 | Row 2 | ... | Row N | |
| 1.0 | 1.1 | 1.5 | 2.1 | ... | 27.1 | 29.5 | 30.2 | 37.1 | | | | | | |
| mm Distance | | | | | | | | | | | | | | |
| 10.2 | 20.4 | 32.8 | 44.5 | | 11.5 | 21.6 | 36.2 | 44 | | | | | | |
| mm Distance | | | | | | | | | | | | | | |
| 3.9 | 4.5 | 6.8 | 12.2 | | 34.0 | 41.1 | 43.0 | 46 | | | | | | |
| mm Dist. | | | | | | | | | | | | | | |
| 12.1 | 21.5 | 30.4 | 46.3 | | 13.2 | 21.8 | 31.0 | 48.2 | | | | | | |
| mm Dist. | | | | | | | | | | | | | | |

Z₁

Z₂

Z₁

Z₂

Calibration Table #2

| Quadrant I | | | | | | | | | | Quadrant II | | | | | | | | | | Quadrant III | | | | | | | | | | Quadrant IV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| (a) Libration | | | | | | | | | | (b) Libration | | | | | | | | | | (c) Libration | | | | | | | | | | (d) Libration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Row 0 | | | | | | | | | | Row 1 | | | | | | | | | | Row 2 | | | | | | | | | | Row 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Z_1 | CCD _X | 640.1 | 700.2 | 760.6 | 820.5 | ... | 640.1 | 700.2 | 760.2 | ... | ... | — | — | ... | ... | ... | 1,279.5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... 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| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

[illegible]

Quadrant III

| | | |
|-------|--------|--|
| z_1 | $ccDx$ | $(-1, -1) \dots$ |
| | $ccDy$ | $\begin{matrix} - & - \\ - & - \end{matrix}$ |
| z_2 | $ccDx$ | $\begin{matrix} - & - \\ - & - \end{matrix}$ |
| | $ccDy$ | $\begin{matrix} - & - \\ - & - \end{matrix}$ |

Quadrant IV

[illegible]

Fig. 25

CCD X, CCD Y = Pixel #, in subpixel resolution

Fig. 26

(after)

Calibration Table #1

| Pattern | | Line 1 | | | | Line 2 | | | | Line N | | | |
|----------------|-------------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|
| | | Row 1 | Row 2 | Row 3 | Row 4 | Row 1 | Row 2 | Row 3 | Row 4 | Row 1 | Row 2 | Row 3 | Row 4 |
| Z ₁ | CCD X | 1.0 | 1.1 | 1.5 | 2.1 | ... | 27.1 | 29.5 | 30.2 | 37.1 | | | |
| | mm Distance | | | | | | | | -14.6 | | | | |
| | CCD Y | 102 | 20.4 | 32.8 | 44.5 | ... | 11.5 | 21.6 | 36.2 | 44 | | | |
| | mm Distance | | | | | | | | -14.4 | | | | |
| Z ₂ | CCD X | 3.9 | 4.5 | 6.8 | 12.2 | ... | 34.0 | 41.1 | 43.0 | 46 | | | |
| | mm Distance | | | | | | | | -14.8 | | | | |
| | CCD Y | 12.1 | 21.5 | 30.4 | 46.3 | ... | 13.2 | 21.8 | 31.0 | 48.2 | | | |
| | mm Distance | | | | | | | | -15.8 | | | | |

after

A high-contrast, black and white image of a face, heavily distorted by horizontal wavy lines and digital noise, resembling a corrupted or glitched portrait. The image is oriented horizontally on the page.

7.5.2.8



FIG. 29

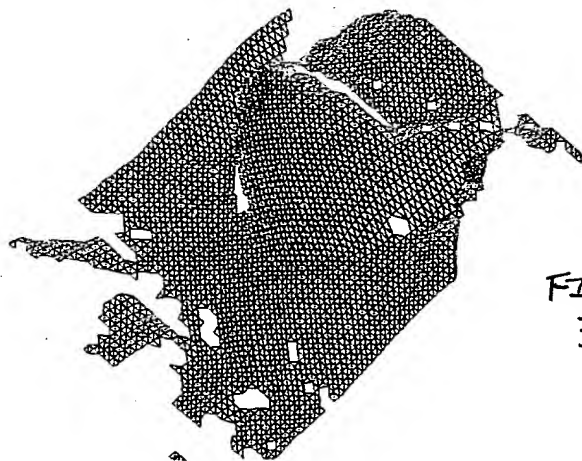


FIG.
30

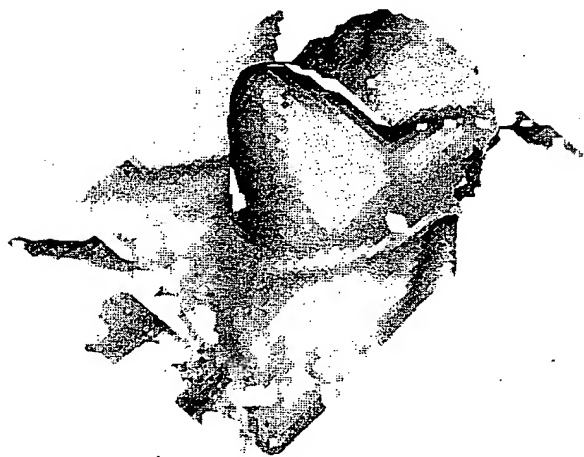


FIG. 31



FIG. 32

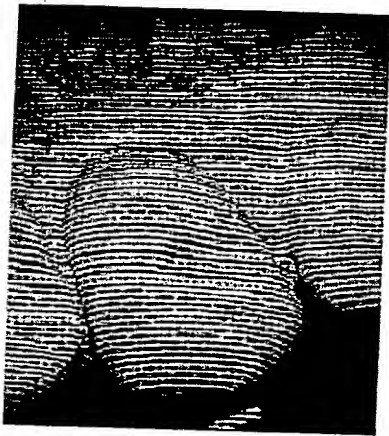


FIG. 33

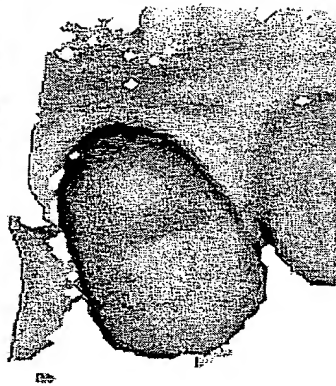


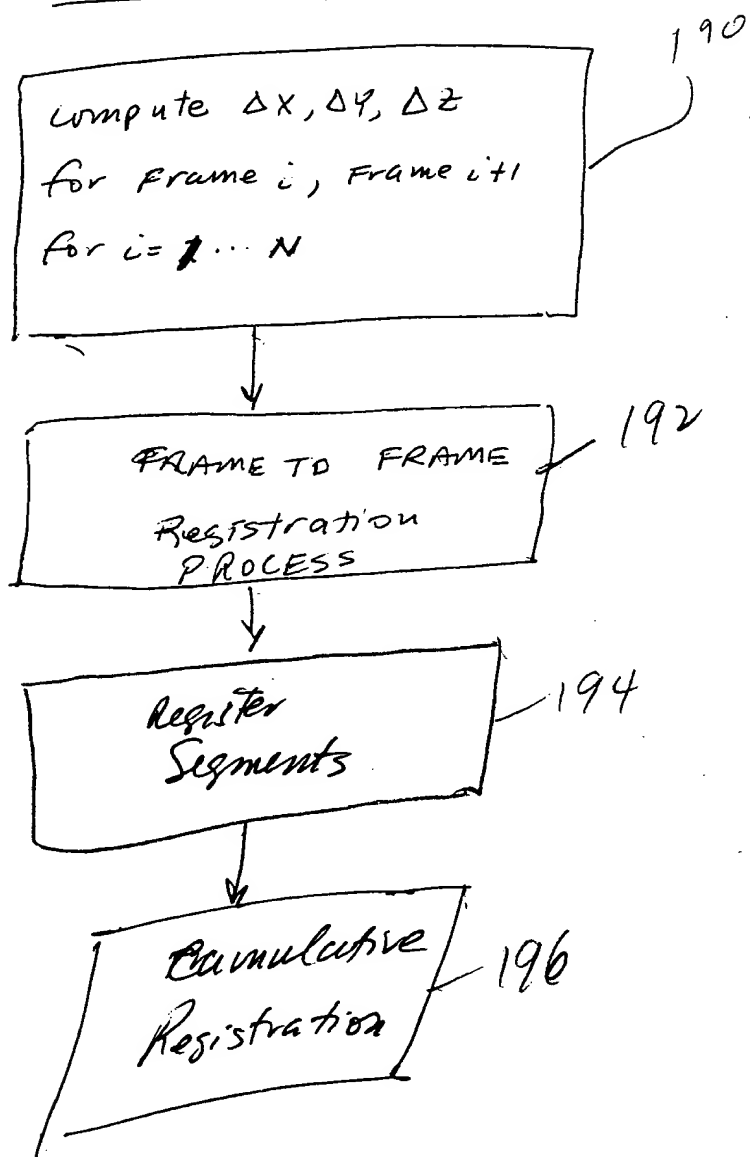
FIG. 34



FIG.
35

Fig. 36

Registration



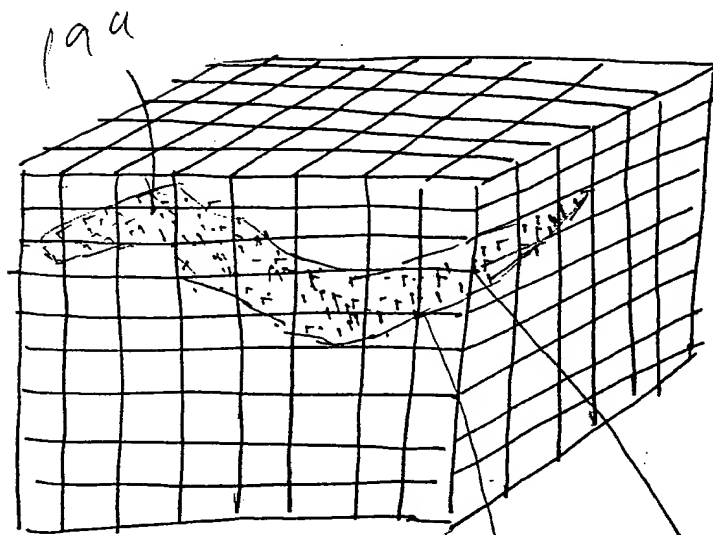
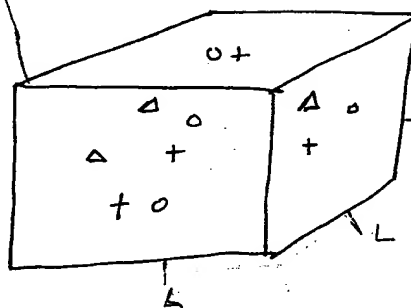


Fig. 37A

Fig.
37B



$L = 1.0 \text{ mm}$

Δ = points of frame i
 $+$ = points of frame $i+1$
 o = points of frame $i+2$

20080909 14:44:00

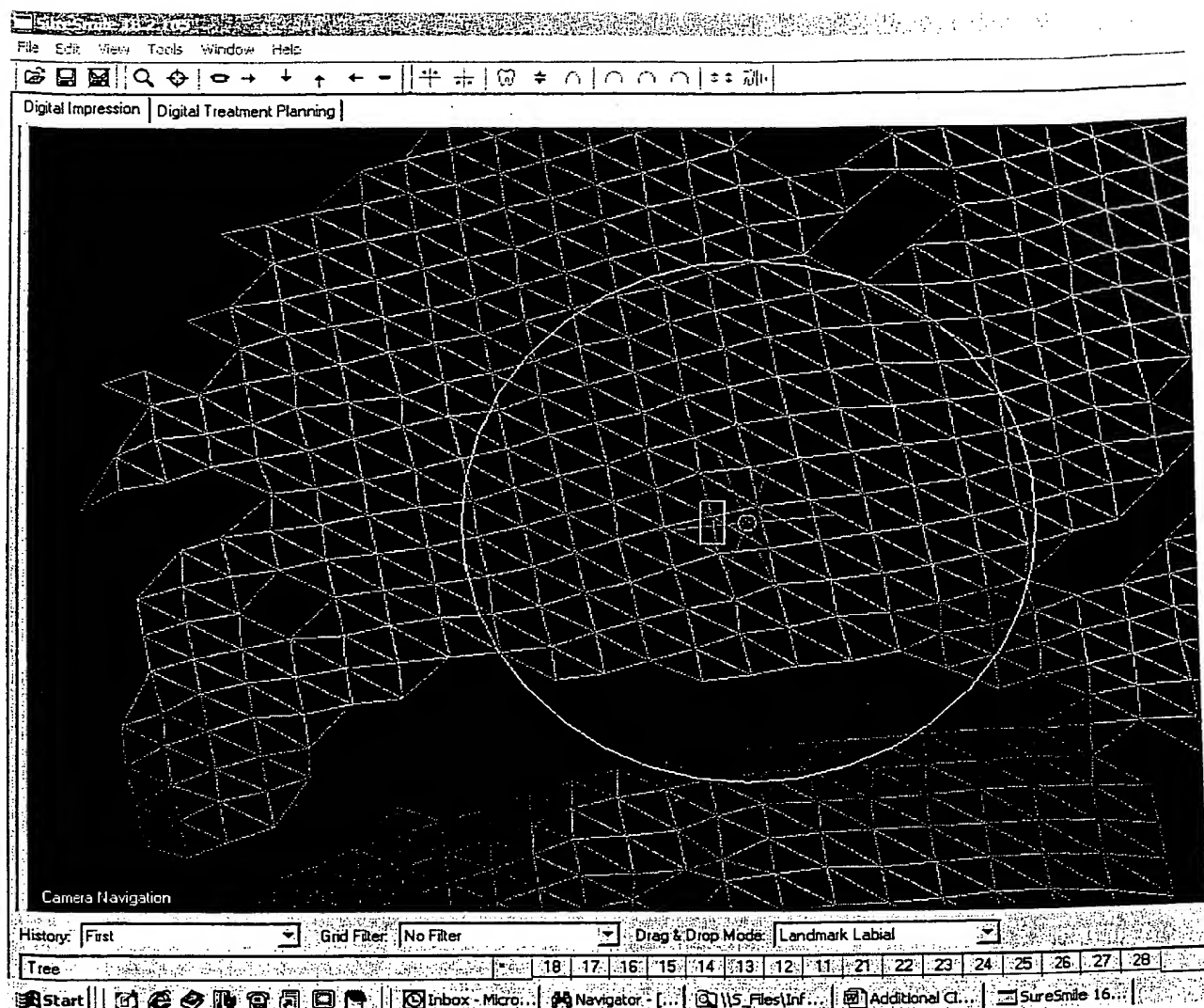
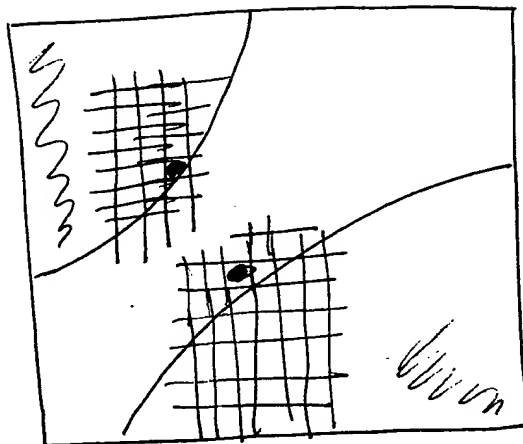


Figure 37c



Frame i
Fig.
38A

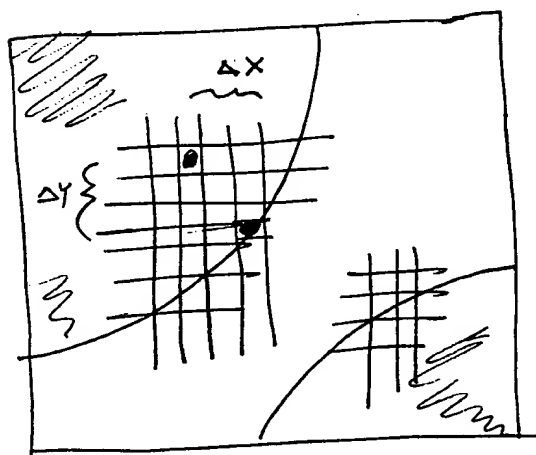


Fig. 38B
Frame i+1

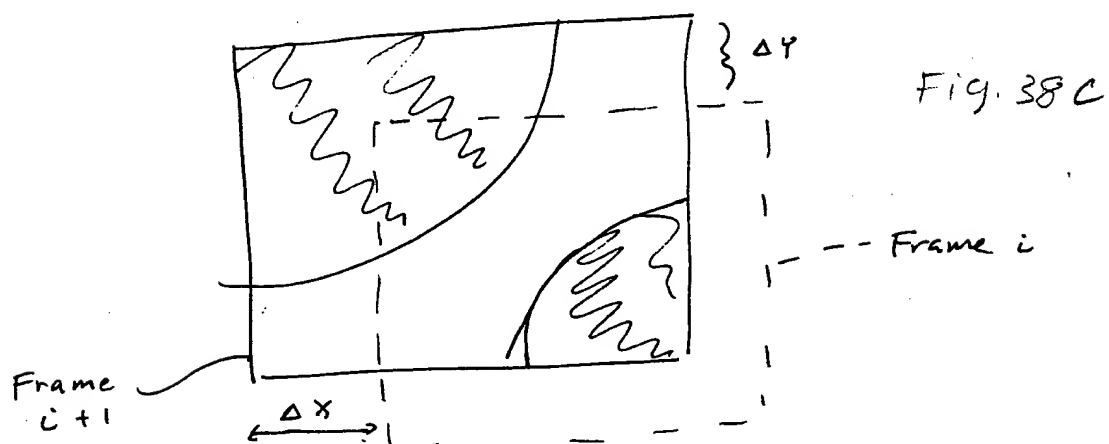
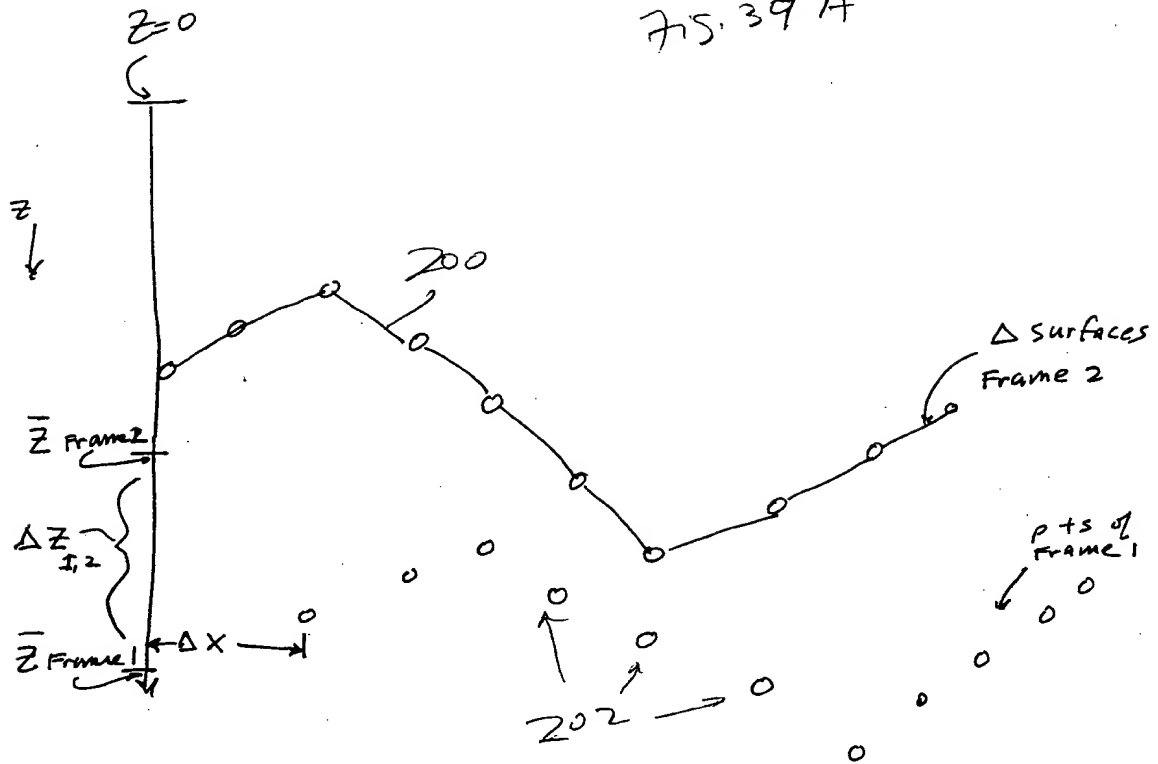
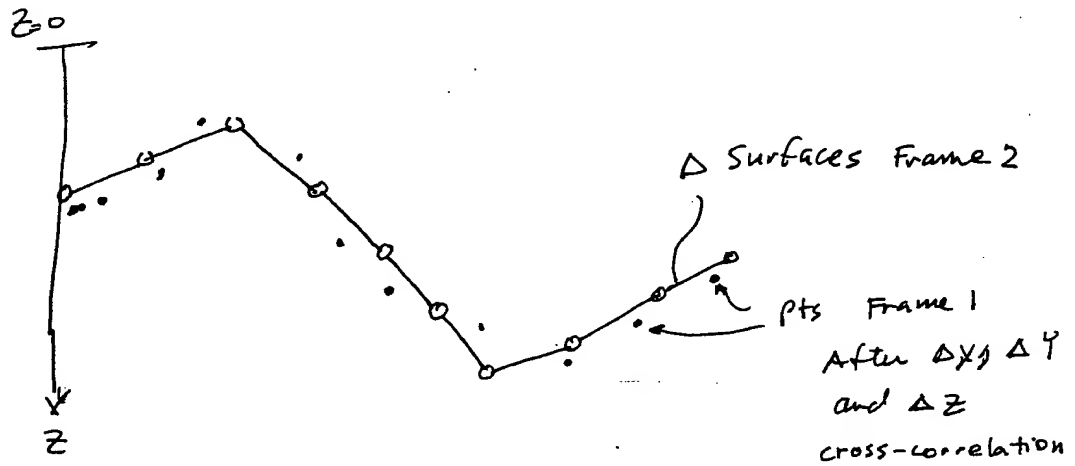


Fig. 38C

715.39 A



715.39 B



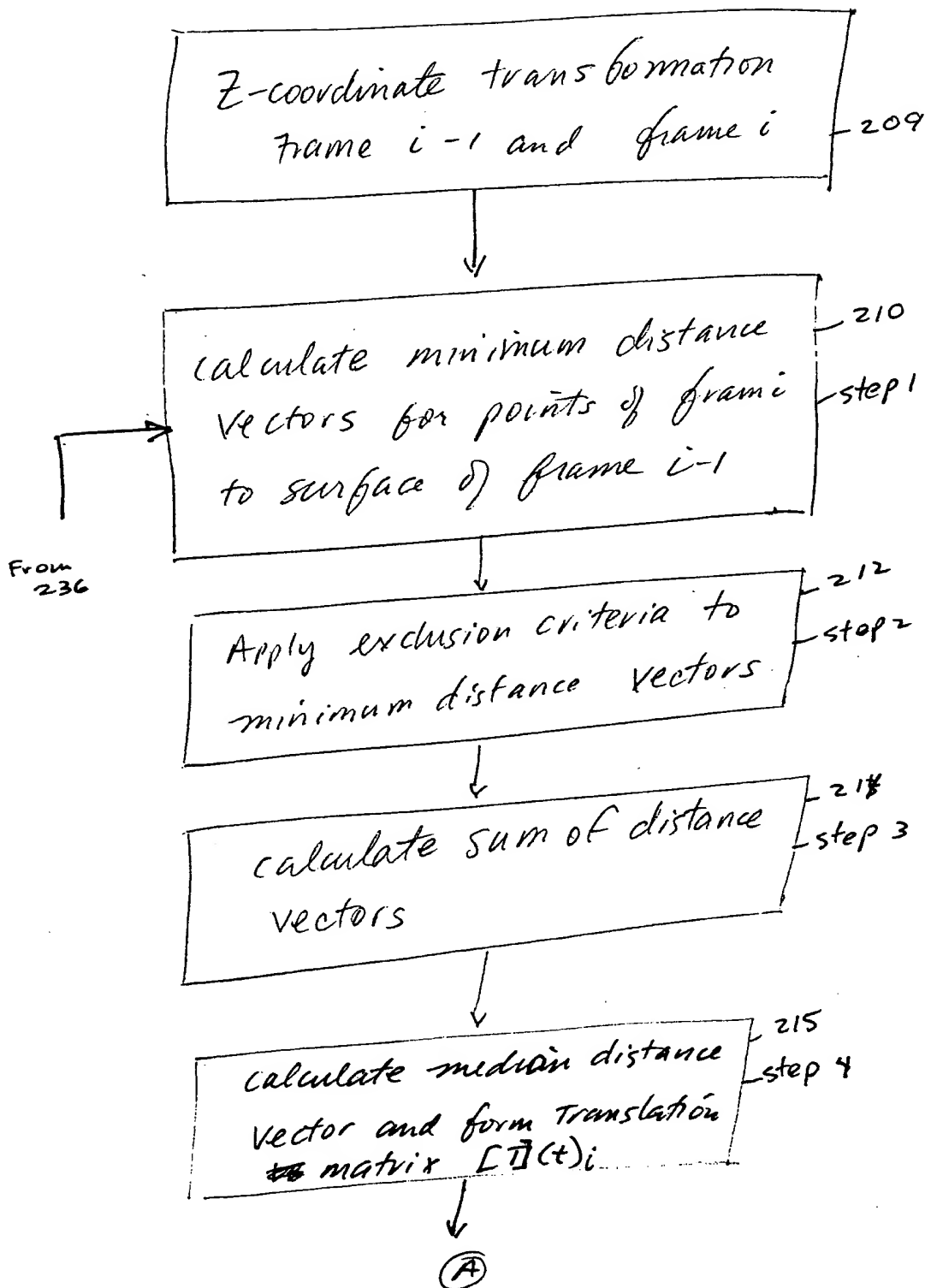
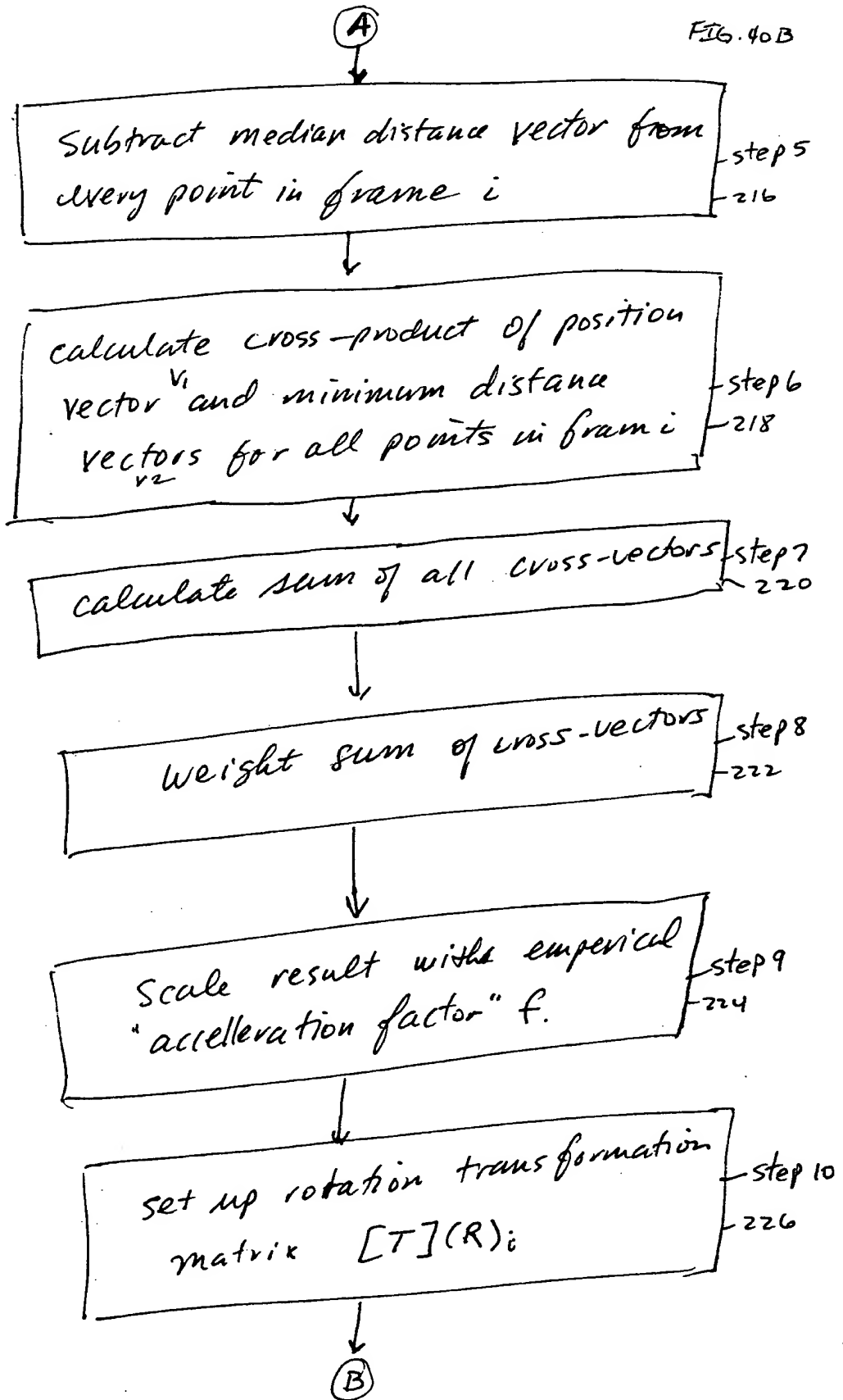
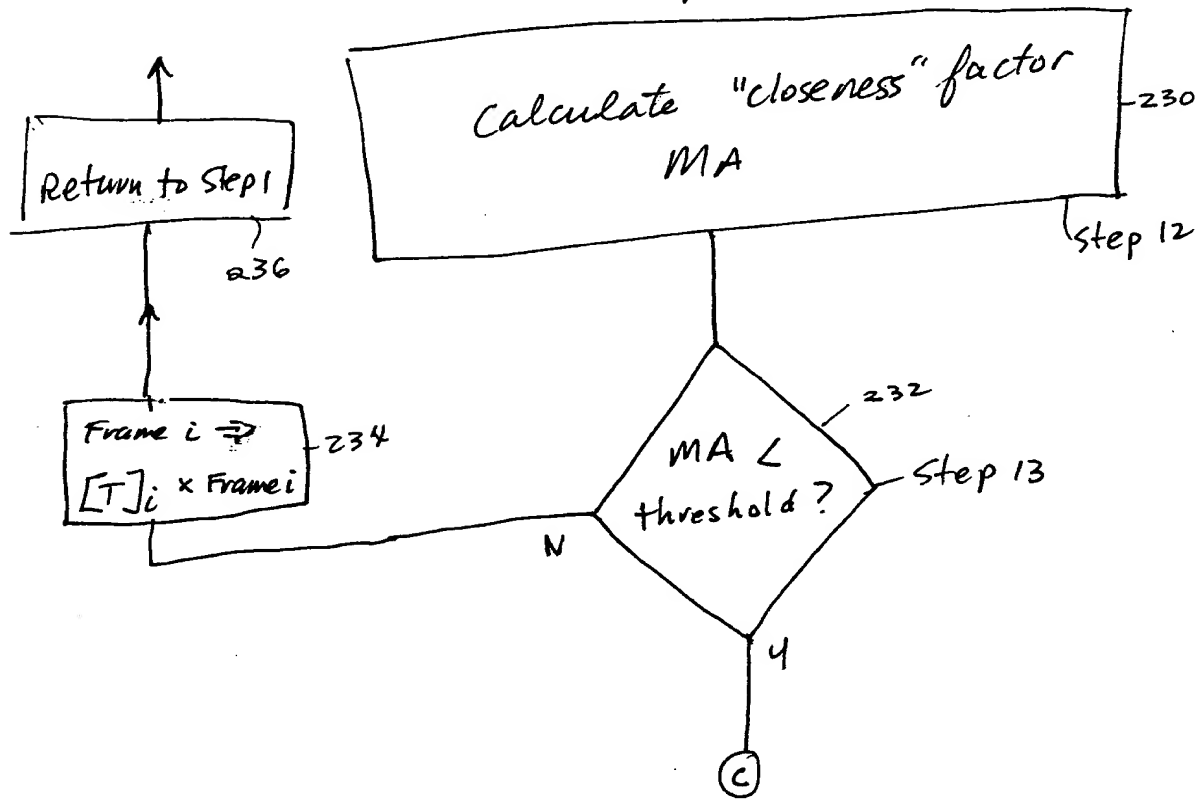
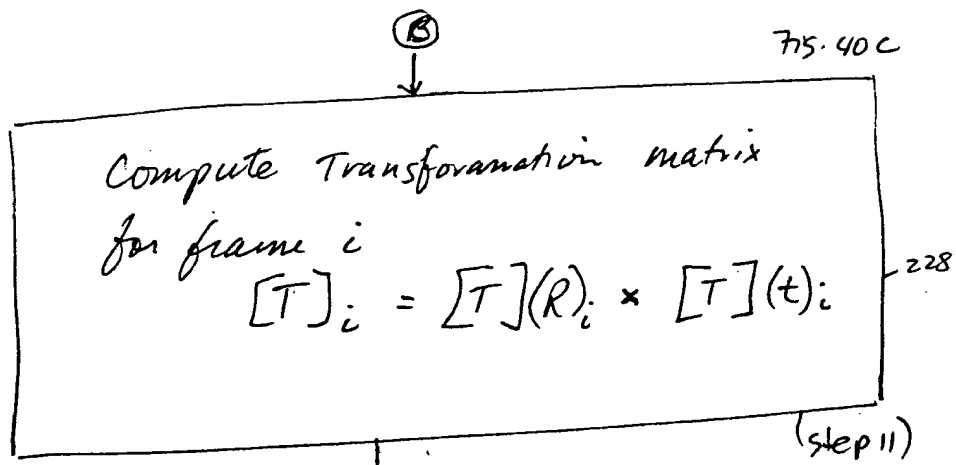


FIG. 40B





Frame to
Frame
registration

Fig. 40 D

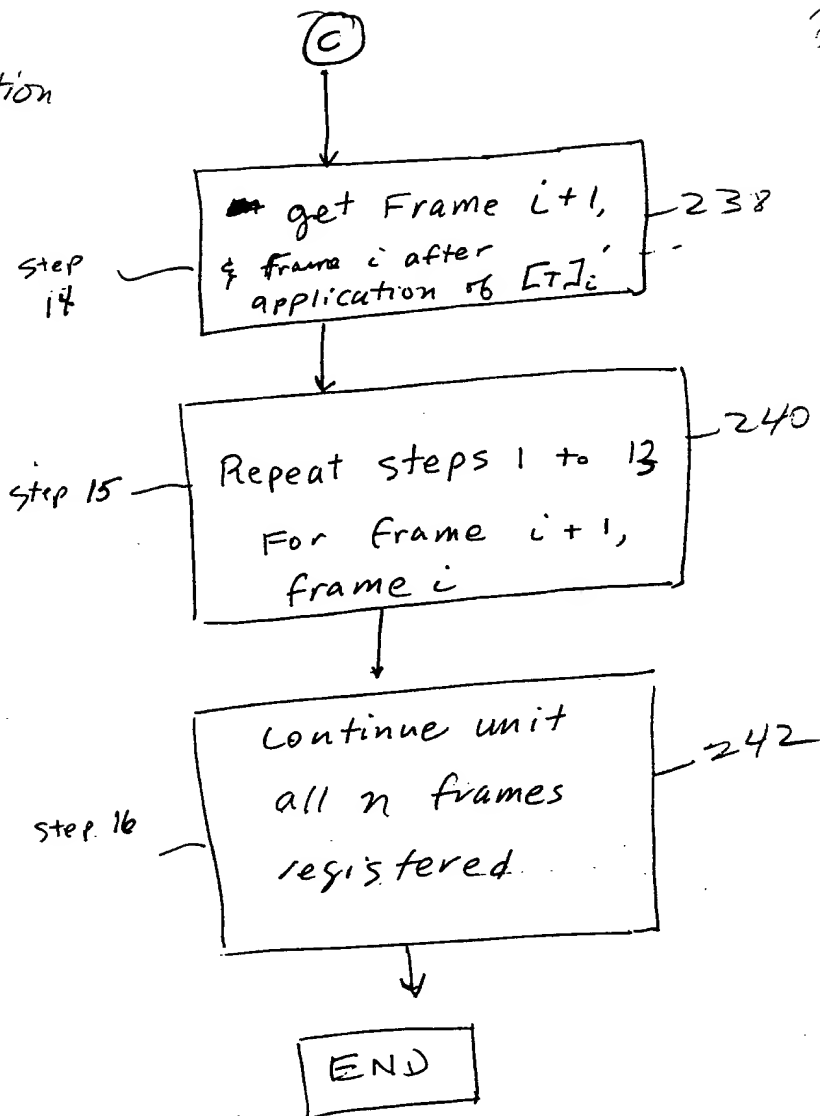


Fig. 41

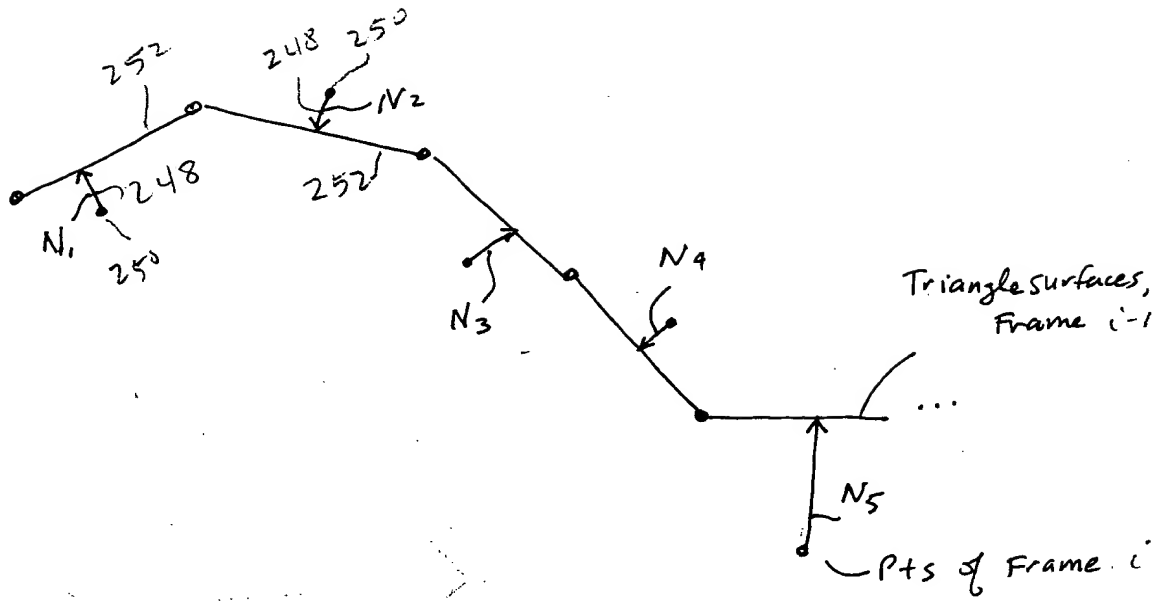


Fig. 42

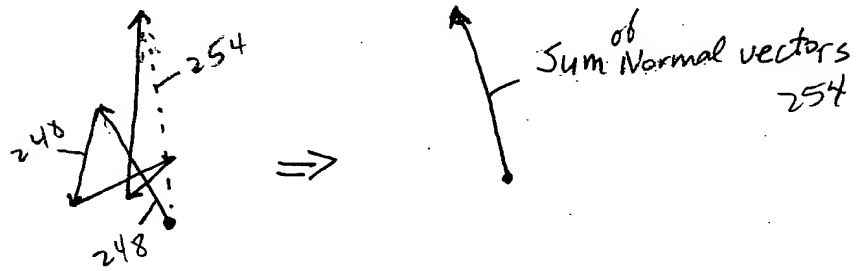


FIG. 43

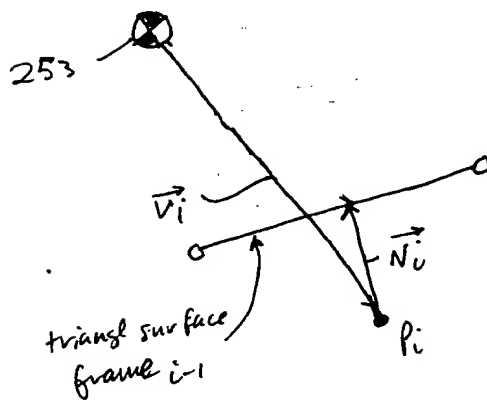
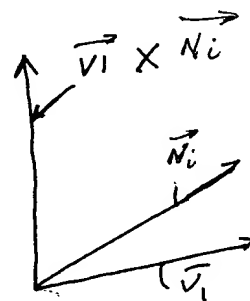


FIG. 44



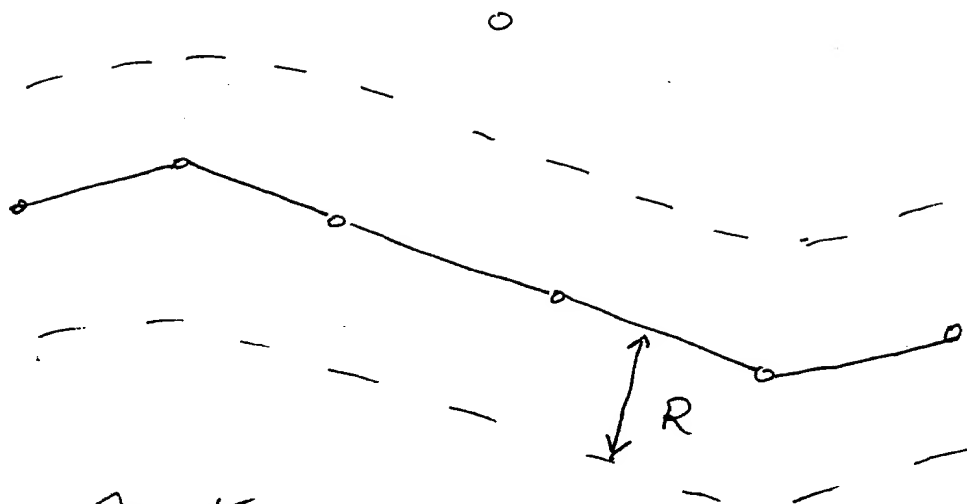


Fig. 45

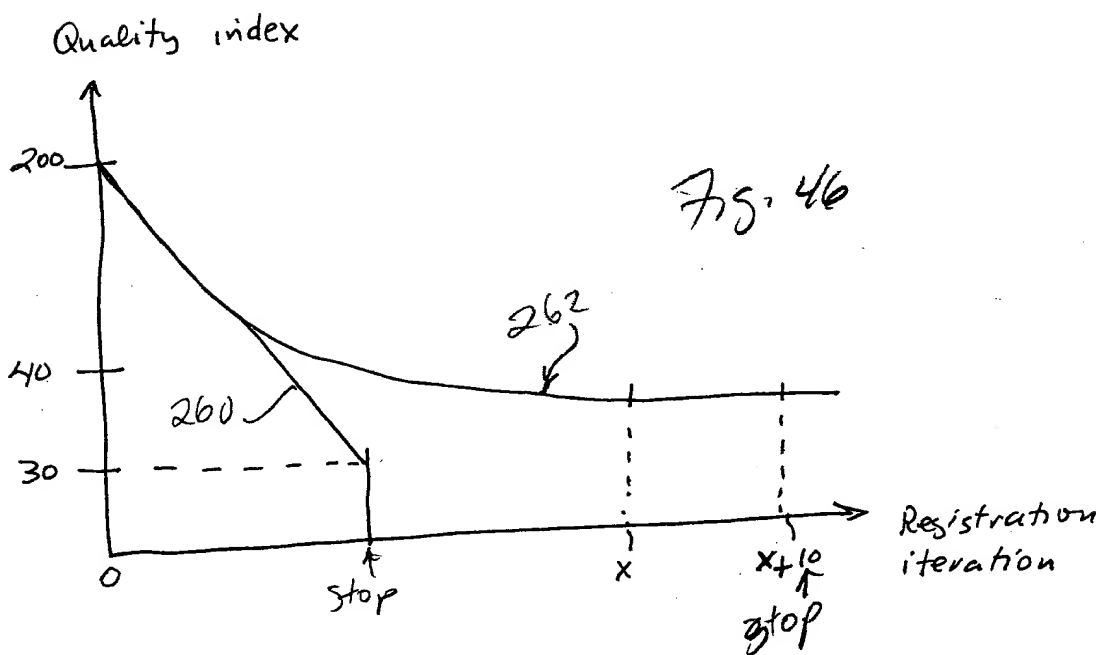


Fig. 46

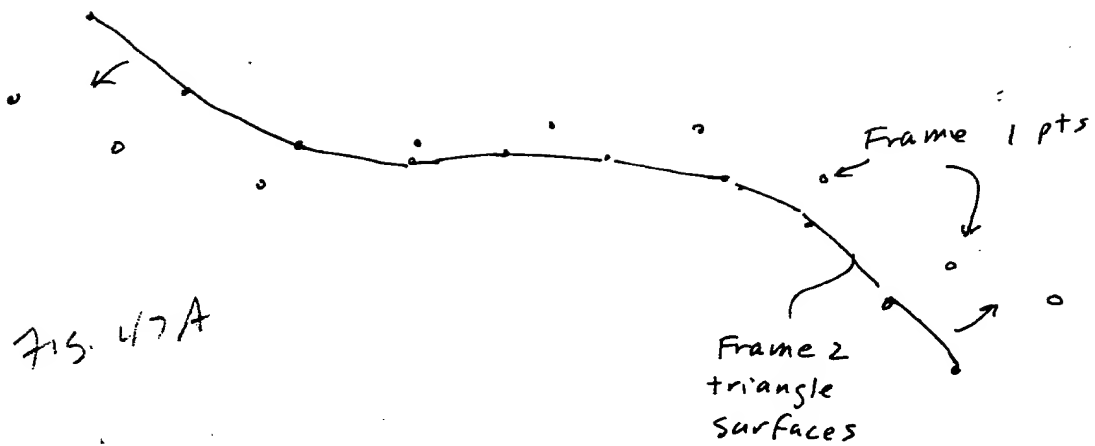


Fig. 47A

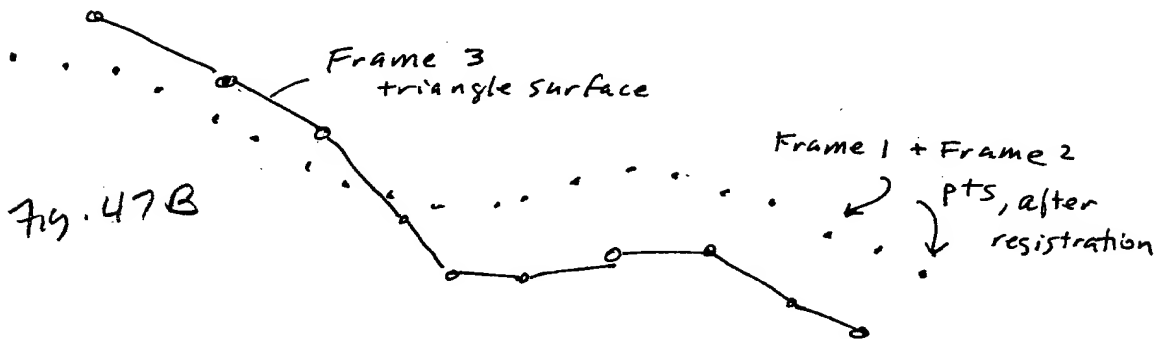
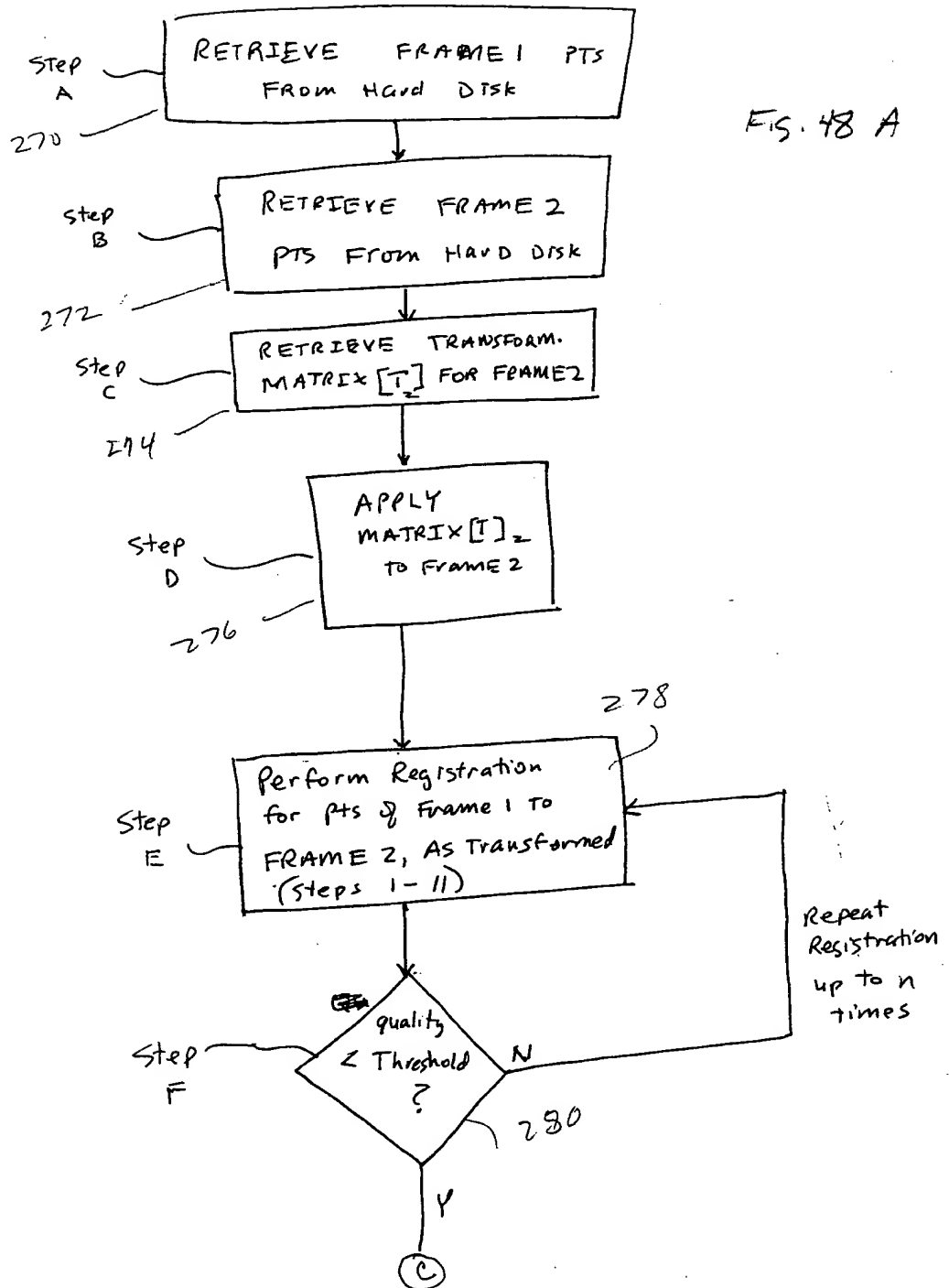
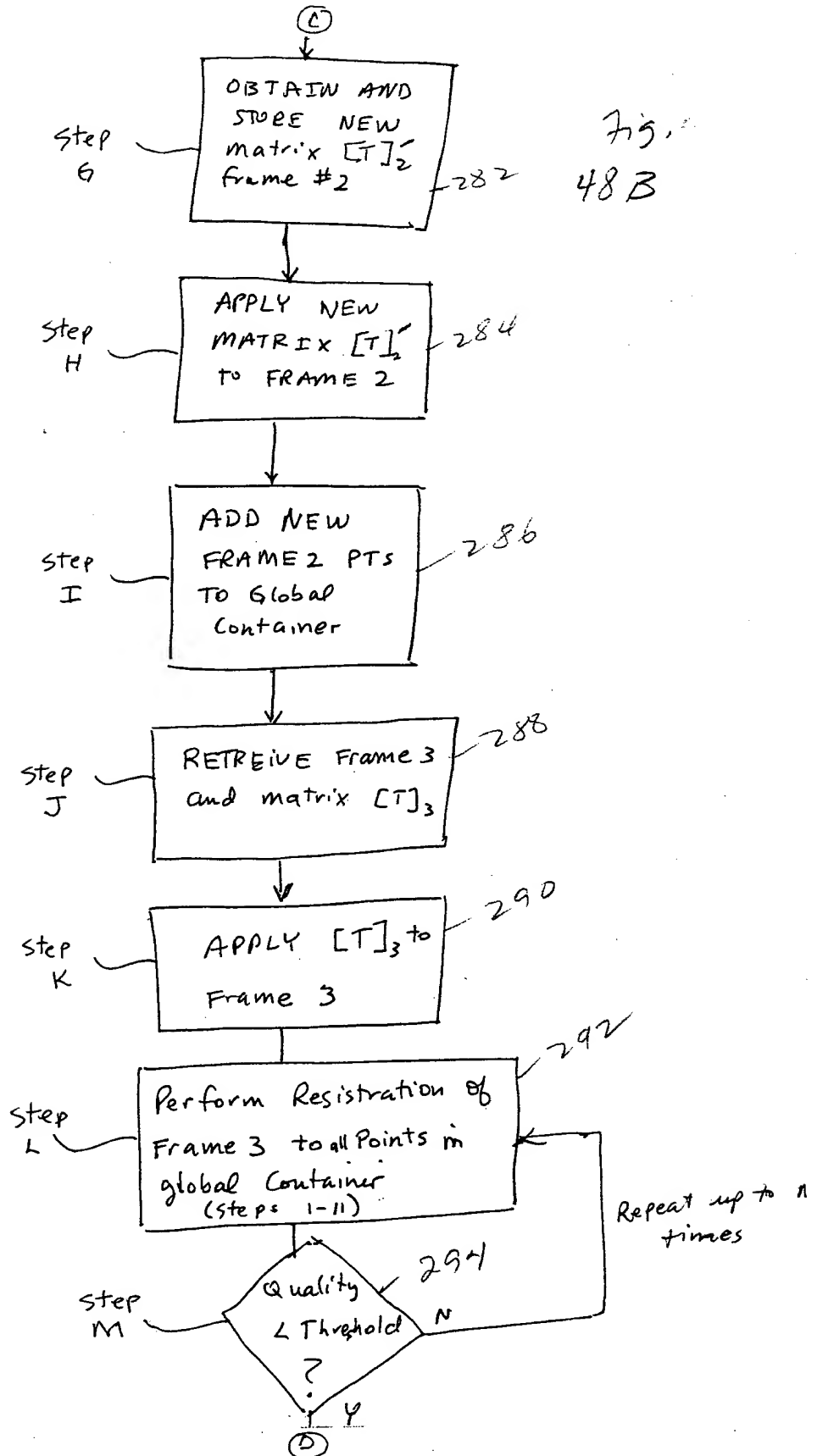


Fig. 47B

Cumulative
Registration



Cumulative
registration



Cumulative
registration

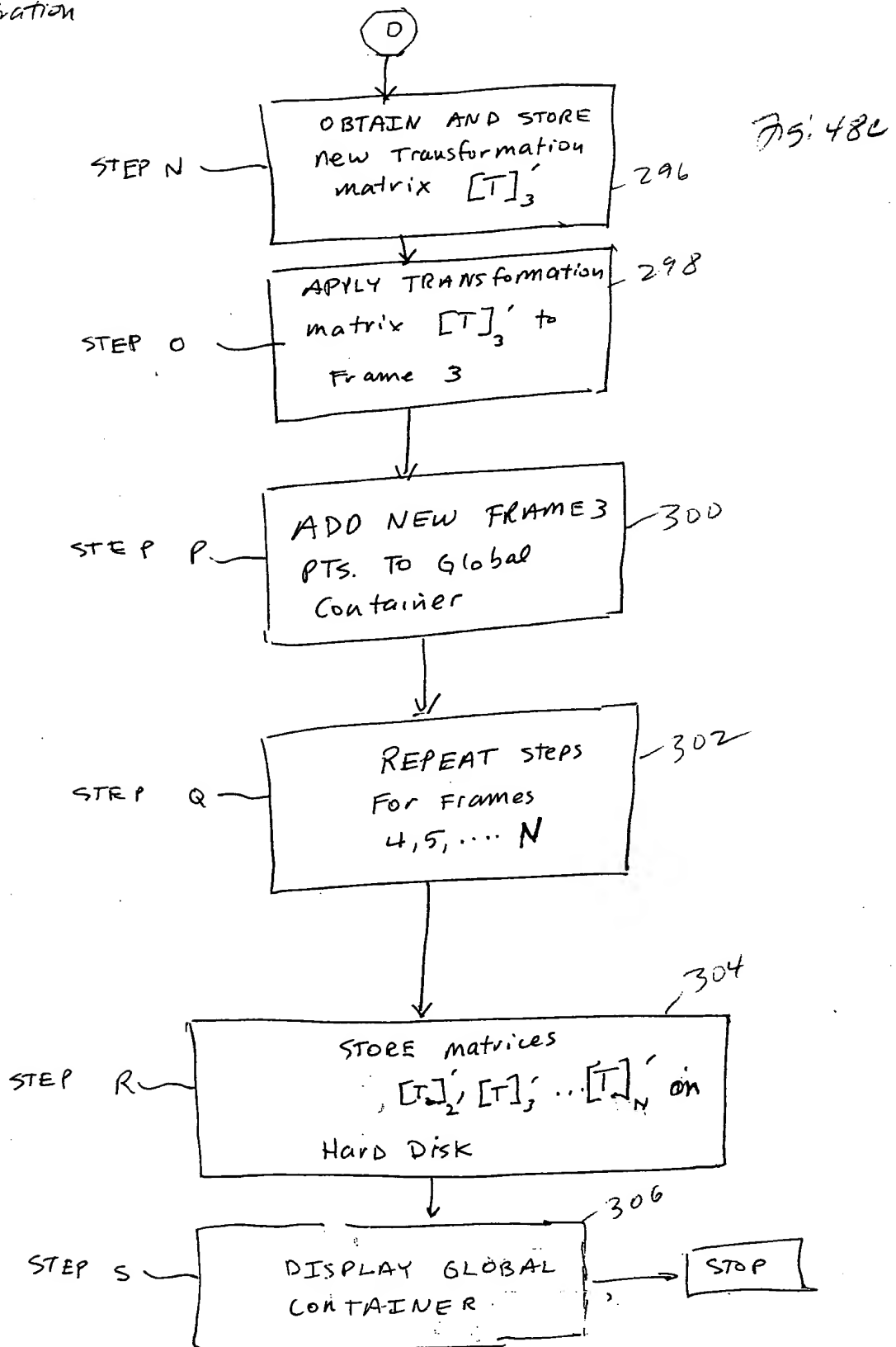


Fig. 49

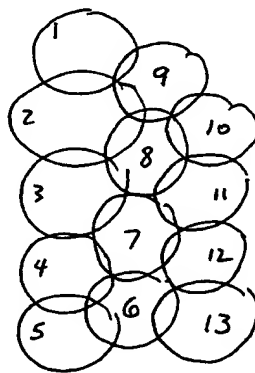
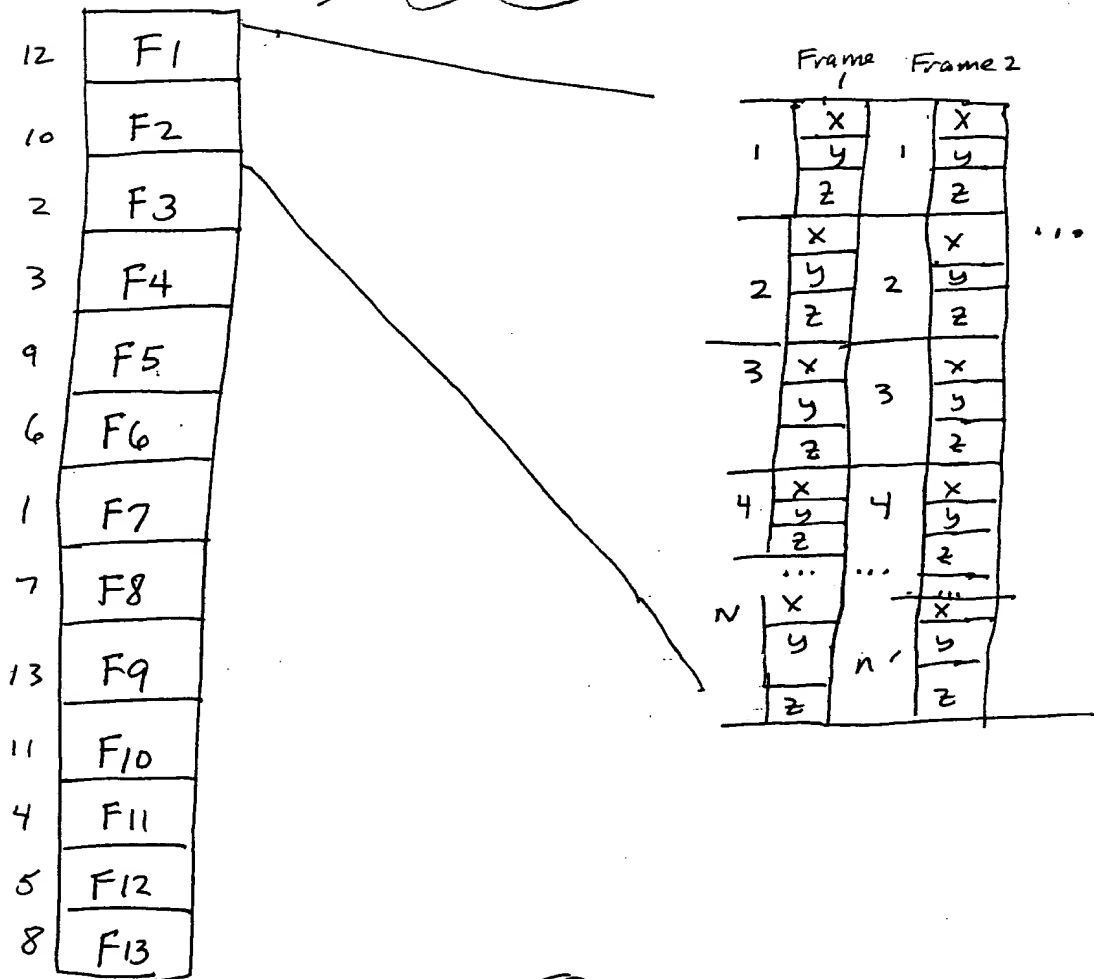


Fig. 50

Fig. 51

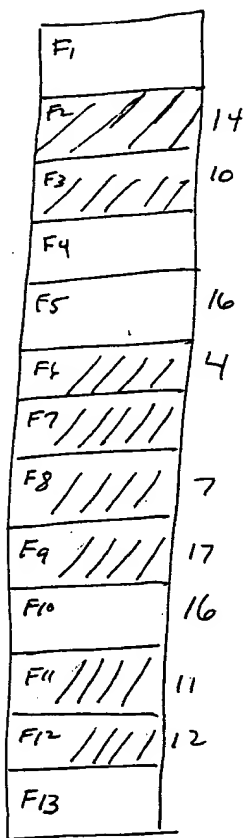


Fig. 52

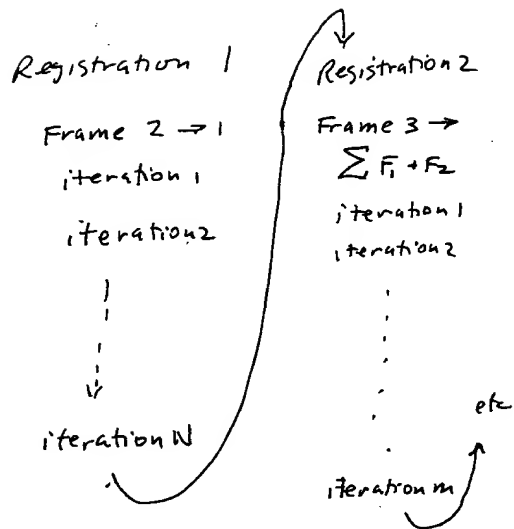


Fig. 53

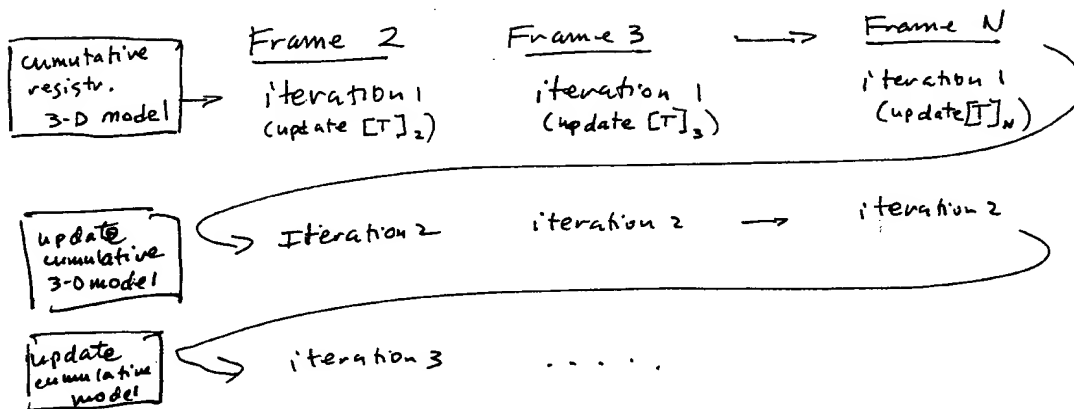


FIG. 54

| | | | |
|--|--|--|--|
| <input checked="" type="radio"/> Single <input type="radio"/> Cumulative | | X Y Z 0.00 0.00 0.00 3.00 0.00 0.00 -3.00 0.00 0.00 0.00 3.00 0.00 0.00 -3.00 0.00 | |
| Registration (law) Distance limit (SYX) <input type="text" value="250.000 y"/> Stationary count <input type="text" value="5"/> Radius (SYX) <input type="text" value="2.000 mm"/> Convergence factor <input type="text" value="0.100"/> Number of points to register <input type="text" value="400"/> Accelerate factor <input type="text" value="1.6"/> | | Registration (law + line) Maximal iteration count <input type="text" value="400"/> Overlap size <input type="text" value="6.000"/> Minimum square of active points (0-1) <input type="text" value="0.200"/> Maximal triangle size (larger triangles are treated as gaps) <input type="text" value="0.500"/> Maximal edge length (longer edges have no attraction) <input type="text" value="1.800 mm"/> Maximal count of unsuccessful files (new segment is started when exceeded) <input type="text" value="2"/> Form factor: Proportion of point distance and element size (≥ 0) <input type="text" value="0.1"/> | |
| Registration (line) Distance limit (SYX) <input type="text" value="50.000 y"/> Final distance <input type="text" value="40.000 y"/> Stationary count <input type="text" value="10"/> Radius (SYX) <input type="text" value="0.500 mm"/> Convergence factor <input type="text" value="0.010"/> Number of points to register <input type="text" value="400"/> Accelerate factor <input type="text" value="1.3"/> | | general Count of SYX surfaces for animation (0 = off) <input type="text" value="20"/> Cell size <input type="text" value="16"/> | |
| Merging Radius of sphere inside which is to replace <input type="text" value="0.500 mm"/> Maximal count of edge lines for closing gaps <input type="text" value="16"/> | | <input checked="" type="checkbox"/> Combine frames cumulative <input checked="" type="checkbox"/> Combine segments cumulative Minimal distance from point of base quantity <input type="text" value="0.400 mm"/> Maximal distance from edge of base quantity <input type="text" value="0.000 mm"/> | |

The New Tools



Camera Navigation

Frame_01_047

| | | |
|--|---------------|-----------------------------|
| Test single M: 1: V: 1:100 | X=0.47 Y=1.46 | Z=0.00 |
| 80ms Nr. 1: | n=453 | Ū=0.88 MA=251.3355/ R=2.000 |
| 110ms Nr. 2: | n=449 | Ū=0.88 MA=208.217/ R=2.000 |
| 130ms Nr. 3: | n=449 | Ū=0.88 MA=196.813/ R=2.000 |
| Distance limit reached | | |
| Success | | |
| Success at "Test single M: 1: V: 1:100 | X=0.47 Y=1.46 | Z=0.00 |
| 150ms Nr. 1: | n=442 | Ū=0.86 MA=90.955/ R=0.500 |
| 171ms Nr. 2: | n=446 | Ū=0.87 MA=73.487/ R=0.500 |
| 201ms Nr. 3: | n=447 | Ū=0.87 MA=64.555/ R=0.500 |
| 221ms Nr. 4: | n=448 | Ū=0.88 MA=60.963/ R=0.500 |
| 241ms Nr. 5: | n=450 | Ū=0.88 MA=58.057/ R=0.500 |
| 261ms Nr. 6: | n=456 | Ū=0.89 MA=53.050/ R=0.500 |
| 281ms Nr. 7: | n=458 | Ū=0.89 MA=42.919/ R=0.500 |
| 301ms Nr. 8: | n=459 | Ū=0.90 MA=36.637/ R=0.500 |
| 321ms Nr. 9: | n=459 | Ū=0.90 MA=34.463/ R=0.500 |
| 351ms Nr. 10: | n=457 | Ū=0.89 MA=33.598/ R=0.500 |
| 371ms Nr. 11: | n=456 | Ū=0.89 MA=33.380/ R=0.500 |
| 391ms Nr. 12: | n=454 | Ū=0.89 MA=33.085/ R=0.500 |
| 411ms Nr. 13: | n=453 | Ū=0.88 MA=32.637/ R=0.500 |
| 431ms Nr. 14: | n=452 | Ū=0.88 MA=32.436/ R=0.500 |
| 451ms Nr. 15: | n=452 | Ū=0.88 MA=32.308/ R=0.500 |
| 471ms Nr. 16: | n=452 | Ū=0.88 MA=32.299/ R=0.500 |
| 501ms Nr. 17: | n=452 | Ū=0.88 MA=32.292/ R=0.500 |
| 521ms Nr. 18: | n=452 | Ū=0.88 MA=32.290/ R=0.500 |
| 541ms Nr. 19: | n=452 | Ū=0.88 MA=32.289/ R=0.500 |

History:

Grid Filter

No Filter

Tree

☐ Frame_01_043
☐ Frame_01_044
☐ Frame_01_045
☐ Frame_01_046
☒ Frame_01_047
☐ Frame_01_048
☐ Frame_01_049

81

91/71

415

13 12

12 11 10

| | |
|----|----|
| CC | CC |
| C7 | 77 |

24 27 27 27

| | |
|----|----|
| 26 | 27 |
| 28 | 29 |

20

Date _____

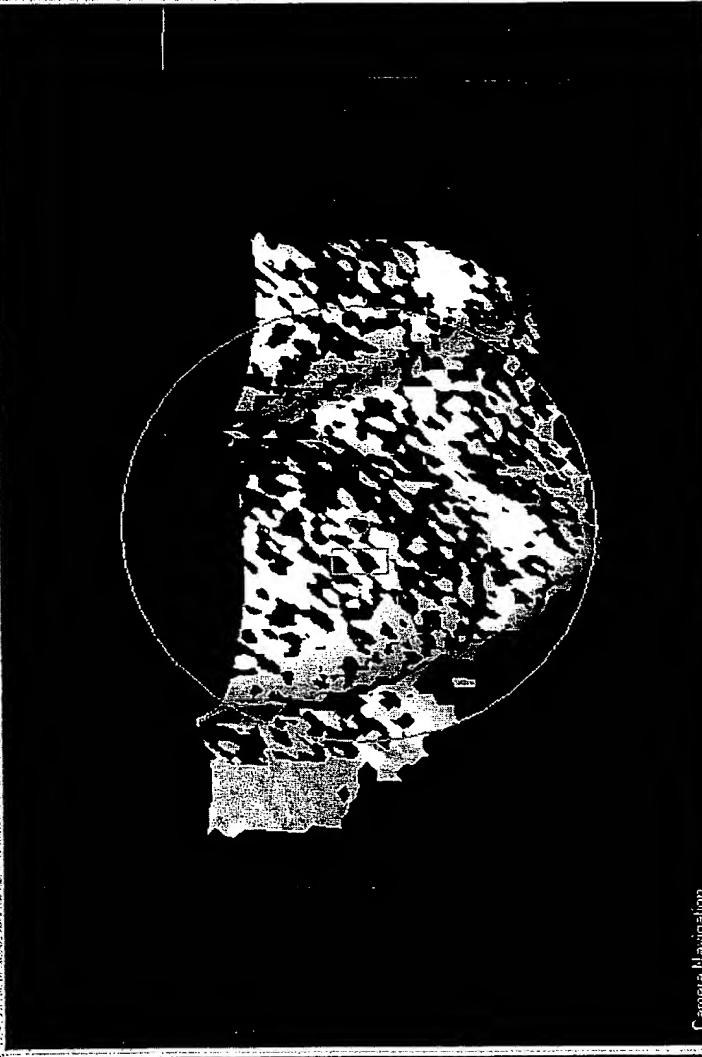
100

100

1. *Staphylococcus aureus* (10⁸ CFU/ml)

1

75-56



- 901ms Nr. 24: n=381 U=0.86 MA=51.833y R=0.500
- 921ms Nr. 25: n=380 U=0.86 MA=45.213y R=0.500
- 941ms Nr. 26: n=378 U=0.85 MA=39.953y R=0.500
- 971ms Nr. 27: n=378 U=0.85 MA=39.429y R=0.500
- 991ms Nr. 28: n=377 U=0.85 MA=38.292y R=0.500
- 1011ms Nr. 29: n=377 U=0.85 MA=37.880y R=0.500
- 1031ms Nr. 30: n=377 U=0.85 MA=36.951y R=0.500
- 1051ms Nr. 31: n=377 U=0.85 MA=35.405y R=0.500
- 1081ms Nr. 32: n=379 U=0.85 MA=34.031y R=0.500
- 1102ms Nr. 33: n=379 U=0.85 MA=33.812y R=0.500
- 1122ms Nr. 34: n=378 U=0.85 MA=33.507y R=0.500
- 1142ms Nr. 35: n=378 U=0.85 MA=33.411y R=0.500
- 1162ms Nr. 36: n=378 U=0.85 MA=33.190y R=0.500
- 1192ms Nr. 37: n=378 U=0.85 MA=32.670y R=0.500
- 1212ms Nr. 38: n=378 U=0.85 MA=32.608y R=0.500
- 1232ms Nr. 39: n=378 U=0.85 MA=32.488y R=0.500
- 1252ms Nr. 40: n=378 U=0.85 MA=32.448y R=0.500
- 1272ms Nr. 41: n=378 U=0.85 MA=32.363y R=0.500
- 1302ms Nr. 42: n=378 U=0.85 MA=32.250y R=0.500
- 1322ms Nr. 43: n=379 U=0.85 MA=38.589y R=0.500
- 1342ms Nr. 44: n=379 U=0.85 MA=38.526y R=0.500
- 1362ms Nr. 45: n=376 U=0.85 MA=27.686y R=0.116
- Final Distance limit reached

History: First Grid Filter: No Filter

Tree

18 17 16 15 14 13 12 11 21 22 23 24 25 26 27 28

48 47 46 45 44 43 42 41 31 32 33 34 35 36 37 38

01/18/01 14:08:47

01/18/01 14:08:47

01/18/01 14:08:47

01/18/01 14:08:47

01/18/01 13:11:40

Digital Impression Scene Graph

Segment_03

Segment_05

Segment_06

Segment_07

Upper jaw front (Segment_01) (189 Frames)

Frame_01_001

Frame_01_002

Frame_01_003

Frame_01_004

Frame_01_005

Fig. 58 A

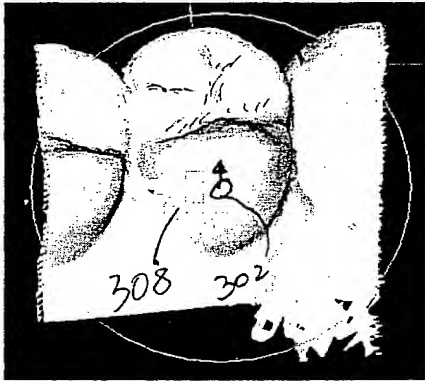


Fig. 58 B

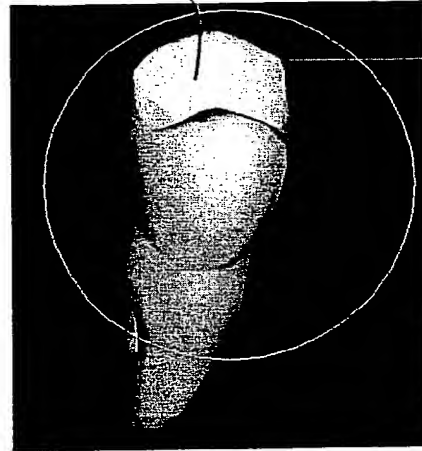


Fig. 58 C

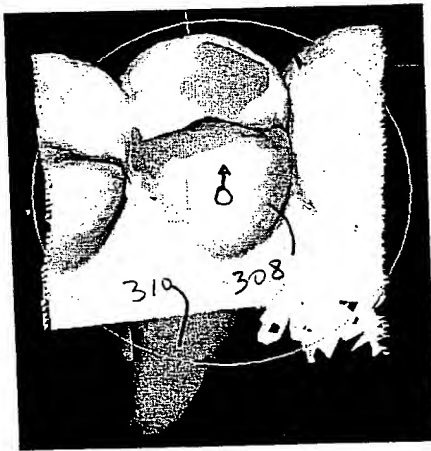


Fig. 58 D

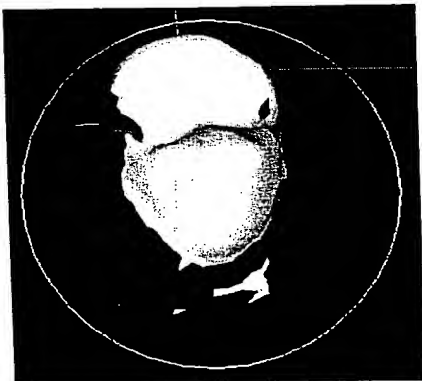
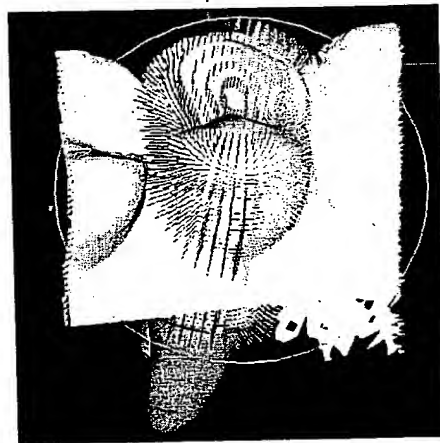


Fig. 58 E

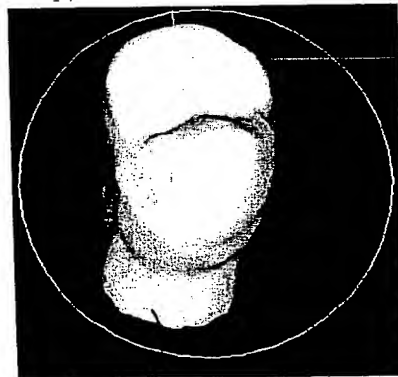


Fig. 58 F

u).

3/2

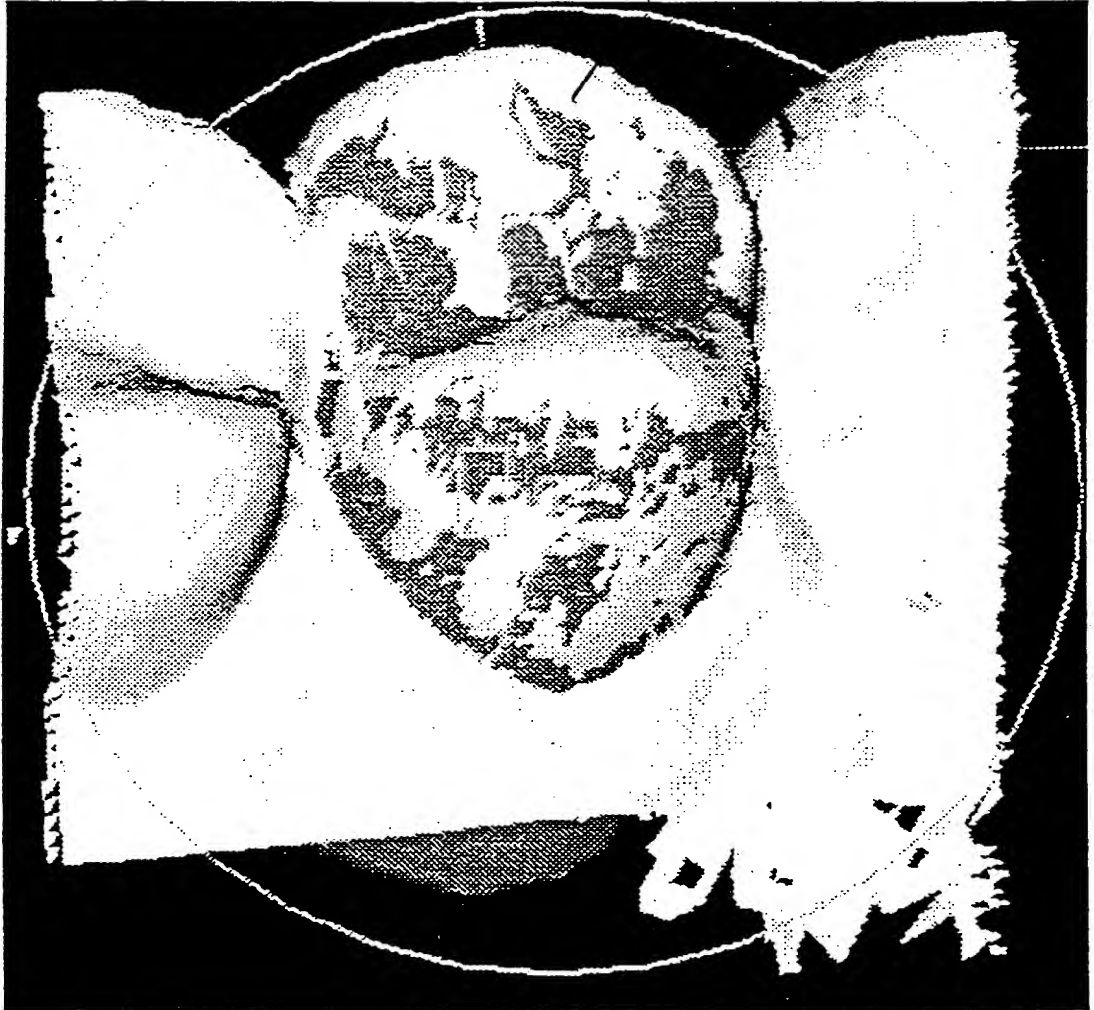


Fig. 59

SureSmile 22.2.0

File Edit View Tools Window Help

Image icons

Toolbox icons

Tool 13

Digital Impression

Digital Treatment Planning

+

Maxilla Stages

○

Observed (17-27)

□

Target (16x22 5t)

+

Mandible Stages

○

Observed (47-37)

□

Target (16x22 5t)

312

411

Canine Simulation

715.62

● Patient

● Limits

● Differences

● Space Management

● Bonding Correction

● Technique

● U/L Relation

● Bracket Offset

● Wire

● Forces

● Wire Offset

Space Management

| | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|
| Observed Stage | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | ● Tooth is observed |
| Current Stage (2) | | | | | | | | X | | | | | | | | | ● Missing or extracted tooth |
| Target Stage | | | | | | | | 29 | | | | | | | | | ● Create space or extract tooth |
| Mesial gap size | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | ● Mesial gap size |
| Tooth Thckn. | | | | | | | | | | | | | | | | | ● Tooth Thckn. |

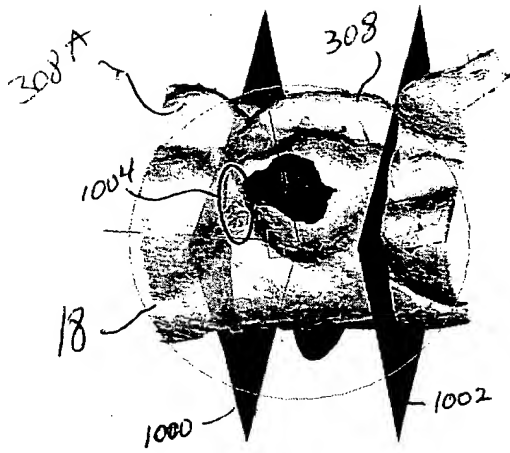


Fig. 64A

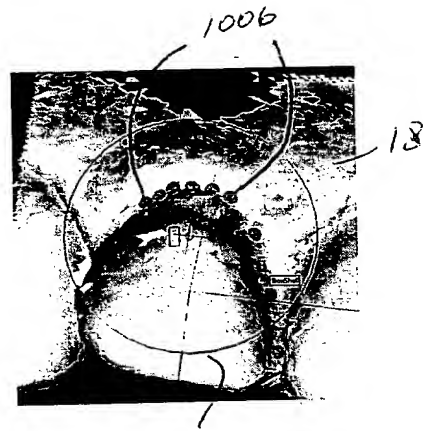


Fig. 64B 308



Fig. 64C 1008

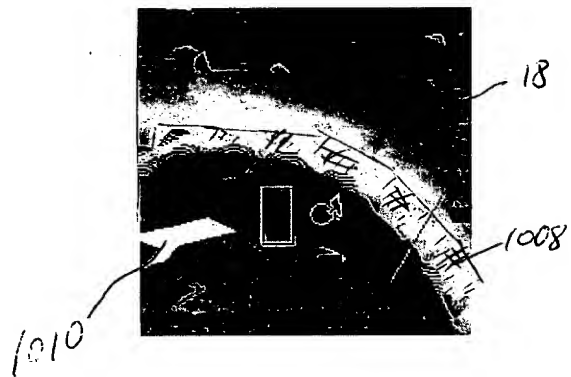


Fig. 64D

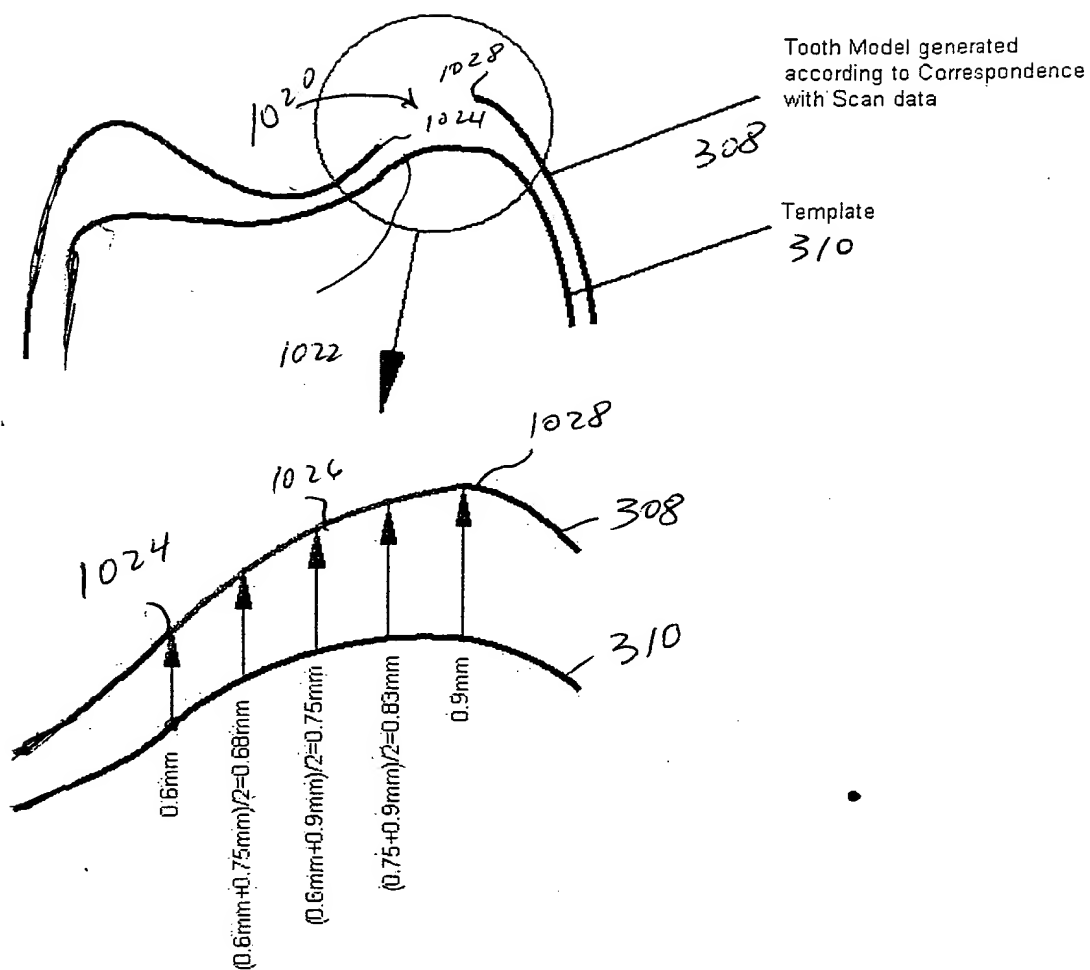


Fig. 65